ALTIBASE Message

Error Message Reference

release 5.3.3

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Release 5.3.3

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Contents

Preface ..... **i**
About This Manual ii
Target Users ii
Software Environment ii
Organization ii
Documentation Rule ii
References v
Online Manual v
Altibase Welcomes Your Opinions! v
1. Server Error Code/Message **1**
ID Error Code 2
ID FATAL 2
ID ABORT 6
ID IGNORE 15
SM Error Code 17
SM FATAL 17
SM ABORT 25
SM IGNORE 47
SM RETRY 47
MT Error Code 48
MT FATAL 48
MT ABORT 48
MT IGNORE 54
RP Error Code 55
RP FATAL 55
RP ABORT 56
RP IGNORE 78
QP Error Code 80
QP FATAL 80
QP ABORT 82
QP RETRY 134
MM Error Code 135
MM FATAL 135
MM ABORT 138
MM IGNORE 149
2. C/C++ Precompiler Error Code/Message **151**
Execution Time Error/Status Code 152
Error Code 152
Status Code 152
Preprocessing Error Code/Message 154
General Error 154
Error in the Host Variable Declaration Section 154
Error in the Embedded SQL Statement 156
3. ODBC Error Code **159**
ODBC Error 160
Database Connection-related Error 163
Network-related Error 164
4. JDBC Error Code **165**
JDBC Error 166

Preface

About This Manual

This manual describes error codes and messages that may occur when Altibase or operating programs are operating.

Target Users

This manual has been prepared for the following Altibase users.

- Database Managers
- System Administrators
- Application program developers

Before reading this manual, understanding of following background knowledge is recommended.

- Basic knowledge required for computers, operating systems, and operating system utilities
- Experience in using the relational database or understanding of the database concept
- Experience in managing the database server, the operating system, or the network

Software Environment

This manual has been prepared assuming Altibase 5.3.1 will be used as the database server.

Organization

This manual has been organized as follows:

- Chapter 1. Server Error Code/Message
- Chapter 2. C/C++ Precompiler Error Code/Message
- Chapter 3. ODBC Error Code

Documentation Rule

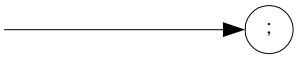
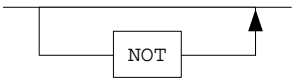
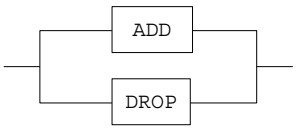
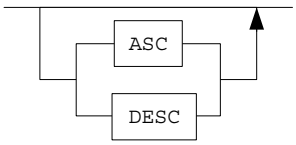
This chapter describes the rules of this manual. With understanding of this rule, it is easy to search information in this manual and other manuals.

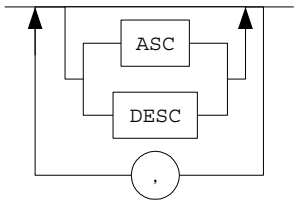
Rules are as follows:

- Syntax diagram
- Sample code rule

Syntax Diagram

This manual describes the command syntax using the diagram composed of the following elements:

Elements	Meaning
	The command starts. The syntax element which is not a complete command starts with an arrow.
	The command continues to the next line. The syntax element which is not a complete command terminates with this symbol.
	The command continues from the previous line. The syntax element which is a complete command starts with this symbol.
	End of a statement..
	Mandatory
	Optional
	Mandatory field with optional items. Only one field must be provided.
	Optional field with optional item.

Elements	Meaning
	Optional Multiple fields are allowed. The comma must be in front of every repetition.

Sample Code Rule

The code example explains SQL, stored procedure, iSQL, or other command line syntax.

The following table describes the printing rules used in the code example.

Rules	Meaning	Example
[ ]	Indicates optional fields.	VARCHAR [(size)] [[FIXED |] VARIABLE]
{ }	Indicates mandatory fields. Indicates to make sure to select at least one.	{ ENABLE | DISABLE | COMPILE }
|	Argument indicating optional or mandatory fields.	{ ENABLE | DISABLE | COMPILE }[ENABLE | DISABLE | COMPILE]
...	Repetition of the previous argument.Omit the example codes.	SQL> SELECT ename FROM employee; ENAME ---------- SWNO HJNO HSCHOI . . . 20 rows selected.
Other symbols	Other symbols	EXEC :p1 := 1; acc NUMBER(11,2);
Italicized words	Indicates variable or value that must be provided by user.	SELECT * FROM table_name; CONNECT userID/password;
Lower case words	Program elements provided by the user such as table names, column names, file names, etc.	SELECT ename FROM employee;

Rules	Meaning	Example
Upper case words	Elements provided by the system or keyword appeared in the syntax.	DESC SYSTEM_.SYS_INDICES_;

References

For more detailed information, see the following document list.

- Altibase Installation Manual
- Altibase Starting User's Manua
- Altibase Administrator's Manual
- Altibase Replication User's Manual
- Altibase SQL User's Manual
- Altibase Stored Procedure User's Manual
- Altibase Precompiler User’s Manual
- Altibase ODBC User’s Manual

Online Manual

Korean and English versions of on-line manuals (PDF or HTML) are available from Altibase Download Center (http://atc.altibase.com/).

Altibase Welcomes Your Opinions!

Please send us your comments and suggestions regarding this manual. Your comments and suggestions are important, and they may be used to improve future versions of the manual. When you send your feedback, please make sure to include the following information:

The name and version of the manual in useYour comments or suggestions regarding the manualYour name, address, and phone number

Please send your e-mail to the following address:

support@altibase.com

This address is intended to report any errors or omissions discovered in the manual. When you need an immediate assistance regarding technical issues, please contact Altibase Customer Support Center.

We always appreciate your comments and suggestions.

1 Server Error Code/Message

ID Error Code

ID FATAL

- 0x00012 (18) idERR_FATAL_idc_SHM_ATTACH Unable to attach a shared memory
  - # *Cause: Failed to invoke shmat() function
  - # *Action: Please verify the permission of access to the shared memory and send a bug report to the vendor.
- 0x00013 (19) idERR_FATAL_idc_SHM_CTL Unable to delete a shared memory
  - # *Cause: Failed to invoke shmctl() function
  - # *Action: Please verify the permission of access to the shared memory and send a bug report to the vendor.
- 0x00014 (20) idERR_FATAL_idc_SEM_CTL Unable to delete a semaphore
  - # *Cause: Failed to invoke semctl() function
  - # *Action: Please verify the permission of access to the semaphore and send a bug report to the vendor.
- 0x00015 (21) idERR_FATAL_idc_SEM_OP Unable to execute operations on a semaphore
  - # *Cause: Failed to invoke semop() function
  - # *Action: Please verify the errno and make sure that the semaphore group exists.
- 0x00017 (23) idERR_FATAL_idc_CHANNEL_NOT_CREATED Unable to delete the communication channel
  - # *Cause: The system tried to delete an invalid communication channel.
  - # *Action: Please send a bug report to the vendor.
- 0x00018 (24) idERR_FATAL_idc_INVALID_CHANNEL_TYPE Unsupported communication channel.
  - # *Cause: The system tried to use an unsupported communication channel.
  - # *Action: Please send a bug report to the vendor.
- 0x00019 (25) idERR_FATAL_idc_MUTEX_LOCK Failed to invoke a system function, mutex_lock()
  - # *Cause: Failed to invoke a system function, mutex_lock()
  - # *Action: Please send a bug report to the vendor.
- 0x0001A (26) idERR_FATAL_idc_MUTEX_UNLOCK Failed to invoke a system function, mutex_unlock()
  - # *Cause: Failed to invoke a system function, mutex_unlock()
  - # *Action: Please send a bug report to the vendor.
- 0x0001B (27) idERR_FATAL_idc_CLOSE_FAILED Unable to close the communication channel
  - # *Cause: Failed to invoke a system function, close()

- — # *Action: Please send a bug report to the vendor.

- 0x0001C (28) idERR_FATAL_idc_SOCKET_SHUTDOWN_FAILED Unable to shutdown the communication channel

  - — # *Cause: Failed to invoke a system function, shutdown()
  - — # *Action: Please send a bug report to the vendor.

- 0x0001D (29) idERR_FATAL_idc_INET_SOCKET_CREATE_FAILED Unable to create a INET socket

  - — # *Cause: Failed to invoke socket() function on INET socket
  - — # *Action: Please send a bug report to the vendor.

- 0x0001E (30) idERR_FATAL_idc_UNIX_SOCKET_CREATE_FAILED Unable to create a UNIX domain socket

  - — # *Cause: Failed to invoke socket() function on UNIX domain socket
  - — # *Action: Please send a bug report to the vendor.

- 0x0001F (31) idERR_FATAL_idc_SVC_INET_BIND_ERROR Unable to bind the INET socket.(<0%d>)

  - — # *Cause: Failed to invoke bind() function on the INET socket because the port was already in use by another process
  - — # *Action: Please make sure that the port is in use by another process.

- 0x00020 (32) idERR_FATAL_idc_SVC_UNIX_BIND_ERROR Unable to bind the UNIX domain socket

  - — # *Cause: Failed to invoke bind() function on UNIX domain socket.
  - — # The same port was in use of another process.
  - — # *Action: Please make sure that the port is in use by another process.

- 0x00021 (33) idERR_FATAL_idc_SVC_INET_LISTEN_ERROR Failed to invoke a system function, listen()

  - — # *Cause: Failed to invoke listen() function on the INET socket
  - — # *Action: Please send a bug report to the vendor.

- 0x00022 (34) idERR_FATAL_idc_SVC_UNIX_LISTEN_ERROR Unable to invoke listen() function on the UNIX domain socket

  - — # *Cause: Failed to invoke listen() function on the UNIX domain socket
  - — # *Action: Please send a bug report to the vendor.

- 0x00023 (35) idERR_FATAL_idc_FD_NONBLOCK_FAILED Unable to set the socket to non-blocking mode.

  - — # *Cause: Failed to invoke fcntl() function for the setting of non-blocking mode on a file descriptor
  - — # *Action: Please send a bug report to the vendor.

- 0x00024 (36) idERR_FATAL_idc_SYS_ACCEPT_FAILED Unable to accept the socket

  - — # *Cause: Failed to invoke a system function, accept()

  - # *Action: Please send a bug report to the vendor.

- 0x00029 (41) idERR_FATAL_idc_SYS_SELECT_FAILED Failed to invoke a system function, select()

  - # *Cause: Failed to invoke a system function, select()
  - # *Action: Please send a bug report to the vendor.

- 0x0002A (42) idERR_FATAL_WRITELINE_ERROR Unable to communicate to the dbadmin

  - # *Cause: Failed to invoke a system function, timed_writeline()
  - # *Action: Please send a bug report to the vendor.

- 0x0002B (43) idERR_FATAL_SIGMASK_ERROR Unable to mask the signal

  - # *Cause: Failed to invoke a system function, pthread_sigmask()
  - # *Action: Please send a bug report to the vendor.

- 0x0002C (44) idERR_FATAL_FILE_OPEN Unable to open a file [<0%s>]

  - # *Cause: The path of the file is invalid or the storage manager has no permission to open the file.
  - # *Action: Please make sure that the path, name and read/write permission on the creation of the file.

- 0x0002D (45) idERR_FATAL_THR_NOT_CREATED_BUT_USED No thread object was used.

  - # *Cause: Internal Bug
  - # *Action: Please send a bug report to the vendor.

- 0x0002E (46) idERR_FATAL_THR_CREATE_FAILED Failed to create a thread object.

  - # *Cause: Internal Bug
  - # *Action: Please send a bug report to the vendor.

- 0x0002F (47) idERR_FATAL_THR_NOT_STARTED Thread object did not start in <0%u> seconds.

  - # *Cause: Internal Bug
  - # *Action: Please send a bug report to the vendor.

- 0x00032 (50) idERR_FATAL_IDU_MEMORY_ALLOCATION Memory allocation failed

  - # *Cause: Insufficient memory
  - # *Action: Please make sure that the system has enough available memory.

- 0x00033 (51) idERR_FATAL_ThrMutexInit Failed to invoke a system function, mutex_init()

  - # *Cause: The system failed to initialize a mutex.
  - # *Action: Please send a bug report to the vendor.

- 0x00034 (52) idERR_FATAL_ThrMutexDestroy Failed to invoke a system function, mutex_destory()

  - # *Cause: The system failed to remove a mutex.
  - # *Action: Please send a bug report to the vendor.

- 0x00035 (53) idERR_FATAL_ThrMutexLock Failed to invoke a system function, mutex_lock()
  - # *Cause: The system failed to lock a mutex.
  - # *Action: Internal error of a mutex
- 0x00036 (54) idERR_FATAL_ThrMutexUnlock Failed to invoke a system function, muntex_unlock()
  - # *Cause: The system failed to unlock a mutex.
  - # *Action: Internal error of a mutex
- 0x00037 (55) idERR_FATAL_ThrCondInit Failed to invoke a system function, cond_init()
  - # *Cause: The system failed to invoke cond_init() function
  - # *Action: Please send a bug report to the vendor.
- 0x00038 (56) idERR_FATAL_ThrCondSignal Failed to invoke a system function, cond_signal()
  - # *Cause: The system failed to invoke cond_signal() function
  - # *Action: Please send a bug report to the vendor.
- 0x00039 (57) idERR_FATAL_ThrMutexTrylock Failed to invoke a system function, mutex_trylock()
  - # *Cause: Another thread has already locked on the mutex.
  - # *Action: Please send a bug report to the vendor.
- 0x0003A (58) idERR_FATAL_ThrCondDestroy Failed to invoke a system function, cond_destroy()
  - # *Cause: The system failed to remove a condition variable.
  - # *Action: Please send a bug report to the vendor.
- 0x0003B (59) idERR_FATAL_LongFileName Too long file name
  - # *Cause: The file name is too long.
  - # *Action: Please shorten the file name.
- 0x0003C (60) idERR_FATAL_SysCreat Unable to invoke create() function on [<0%s>]
  - # *Cause: The system failed to create the file.
  - # *Action: Please make sure that the storage manager has appropriate permission on the path of the file to be created.
- 0x0003D (61) idERR_FATAL_SysOpen Unable to invoke open() function on [<0%s>]
  - # *Cause: The system failed to open the file.
  - # *Action: Please make sure that the file exists.
  - # Please make sure that the operating system did not already opened the maximum number of open files.
- 0x0003E (62) idERR_FATAL_SysClose Unable to invoke close() function on [<0%s>]
  - # *Cause: The system failed to close the file.
  - # *Action: Please send a bug report to the vendor.

- 0x0003F (63) idERR_FATAL_SysRead Unable to invoke read() function on [<0%s>]
  - # *Cause: The system failed to read from the file.
  - # *Action: Please check the disk.
- 0x00041 (65) idERR_FATAL_Sysfstat Unable to invoke fstat() function on [<0%s>]
  - # *Cause: The system failed to call fstat() function.
  - # *Action: System error.
- 0x00042 (66) idERR_FATAL_SyncError Failed to sync a file for [<0%s>].
  - # *Cause: Failed to invoke sync() function.
  - # *Action: Please send a bug report to the vendor.
- 0x00045 (69) idERR_FATAL_idm_Sort_Table_Shortage Sort table shortage
  - # *Cause: Too many children in idmModule
  - # *Action: Please send a bug report to the vendor.
- 0x00046 (70) idERR_FATAL_idm_Invalid_idmModule Invalid idmModule
  - # *Cause: An invalid idmModule exists.
  - # *Action: Please send a bug report to the vendor.
- 0x0004A (74) idERR_FATAL_SysDirectIO Unable to invoke directio() function on [<0%s>].
  - # *Cause: The system failed to invoke directio() function on the file
  - # *Action: Please send a bug report to the vendor.
- 0x00070 (112) idERR_FATAL_DirectIO_Invalid_Argument Invalid argument on write or read at file <0%s> that is opened by directIO, it's arguments: offset:<1%lu> buffer:<2%lu> size:<3%lu>
  - # *Cause: Invalid argument on write or read of directIO
  - # *Action: Make sure that the arguments of read or write of directio is valid.
- 0x00071 (113) idERR_FATAL_WrongDirectIOPageSize The page size for Direct I/O should be exactly either 512, 1024, 2048, 4096, or 8192.
  - # *Cause: The DIRECT_IO_PAGE_SIZE is neither 512, 1024(1K), 2048(2K), 4096(4K), nor 8192(8K).
  - # *Action: Please Use only 512, 1024(1K), 2048(2K), 4096(4K), or 8192(8K) for DIRECT_IO_PAGE_SIZE property.
- 0x00072 (114) idERR_FATAL_SysSeek Unable to invoke seek() function on [<0%s>]
  - # *Cause: The system failed to seek on the file.
  - # *Action: Please check the disk.

ID ABORT

- 0x01001 (4097) idERR_ABORT_idnCharacterSetNotFound No character set is found.

  - # *Cause: No character set is found.
  - # *Action: Plea4se change the NLS_USE property.

- 0x01002 (4098) idERR_ABORT_idnInvalidCharacter Invalid character in use

  - # *Cause: An invalid character is being used.
  - # *Action: Please make sure that every character on the input string is a valid character.

- 0x01003 (4099) idERR_ABORT_idnReachEnd Unexpected end of string

  - # *Cause: Unexpected end of string
  - # *Action: Please make sure that the form of the string is legal.

- 0x01004 (4100) idERR_ABORT_idnNotFound Unable to find a string to search

  - # *Cause: The system failed to find a string to search.
  - # *Action: Please send a bug report to the vendor.

- 0x01005 (4101) idERR_ABORT_idnTooLarge The input string is too long.

  - # *Cause: Internal server error. The input string is too long.
  - # *Action: Please send a bug report to the vendor.

- 0x01006 (4102) idERR_ABORT_idnLikeEscape Invalid use of escape characters in LIKE predicate.

  - # *Cause: The server has detected an invalid use of escape characters in LIKE predicate.
  - # *Action: Please make sure that the use of the escape characters in the LIKE predicate is grammatically correct.

- 0x01007 (4103) idERR_ABORT_idaNullValue No NULL value is allowed to be used as the data type.

  - # *Cause: No NULL value is allowed to be used as the data type.
  - # *Action: Please make sure that there is no NULL value in the field.

- 0x01008 (4104) idERR_ABORT_idaInvalidNumeric Unable to cast the string to INTEGER type

  - # *Cause: It is impossible to cast the string to INTEGER type.
  - # *Action: Please change the string appropriately.

- 0x01009 (4105) idERR_ABORT_idaInvalidNibble Unable to cast the string to NIBBLE type.

  - # *Cause: It is impossible to cast the string to the NIBBLE type.
  - # *Action: Please change the string appropriately.

- 0x0100A (4106) idERR_ABORT_idaInvalidBytes Unable to cast the string to BYTE type.

  - # *Cause: It is impossible to cast the string to the BYTE type.
  - # *Action: Please change the string appropriately.

- 0x0100B (4107) idERR_ABORT_idaOverflow Out of range of value supported by the type

  - # *Cause: Out of range of value supported by the type
  - # *Action: Please change the input value to be in the range of value supported by the

given type.

- 0x0100C (4108) idERR_ABORT_idaDivideByZero Divide by zero

  — # *Cause: Divide by zero
  — # *Action: Please make sure that dividing a value by zero does not happen.

- 0x0100D (4109) idERR_ABORT_idaLengthOutbound Out of length

  — # *Cause: Out of length
  — # *Action: Please make sure that the length of the data type is correct.

- 0x0100E (4110) idERR_ABORT_idaPrecisionOutbound Out of precision

  — # *Cause: Out of precision
  — # *Action: Please make sure that the precision of the data type is correct.

- 0x0100F (4111) idERR_ABORT_idaScaleOutbound Out of scale

  — # *Cause: Out of scale
  — # *Action: Please make sure that the scale of the data type is correct.

- 0x01010 (4112) idERR_ABORT_idaLargerThanPrecision Out of precision

  — # *Cause: Out of precision
  — # *Action: Please make sure that the precision of the data type is correct.

- 0x01011 (4113) idERR_ABORT_idaInvalidParameter Invalid Argument

  — # *Cause: Invalid Argument
  — # *Action: Please make sure that the arguments are valid in the context.
  —

- 0x01025 (4133) idERR_ABORT_idc_MARSHAL_BUFFER_FULL Insufficient communication buffer.

  — # *Cause: The communication buffer is insufficient.
  — # *Action: Please make sure that the size of communication buffer specified at the property file is valid. (ex> 64KB)

- 0x01026 (4134) idERR_ABORT_idc_SOCKET_CLOSED Communication error in a socket

  — # *Cause: The socket of peer client has already been closed.
  — # *Action: Please debug the client program

- 0x01027 (4135) idERR_ABORT_idc_ERR_FULL_IPC_CHANNEL No more IPC channel (MAX=<0%d>, USED=<1%d>, BUFSIZE=<2%d>)

  — # *Cause: All IPC channel has been allocated by clients.
  — # *Action: Please use INET/UNIX Domain channel or create more IPC channels.

- 0x01028 (4136) idERR_ABORT_idc_SEM_INIT_OP Unable to invoke semop() function as described by system semaphore properies.

  — # *Cause: Failed to invoke a system function, semop()

  - # *Action: Please check the system semaphore properties.

- 0x01030 (4144) idERR_ABORT_idc_MARSHAL_FIND_FAIL Unable to find the specified unique marshal id.

  - # *Cause: Internal Bug
  - # *Action: Please send a bug report to the vendor.
  - # iduMemory

- 0x01031 (4145) idERR_ABORT_IDU_MEMORY_INVALID_STATUS An error has been detected in the memory manager.

  - # *Cause:
  - # - An error has been detected in the memory manager.
  - # *Action:
  - # - Please ask to the system operator about more information on this error.

- 0x01052 (4178) idERR_ABORT_SysOpen Unable to invoke open() function on [<0%s>]

  - # *Cause: The system failed to open the file.
  - # *Action: Please make sure that the file exists and the operating system did not already opened the maximum number of open files.

- 0x01040 (4160) idERR_ABORT_SysWrite Unable to invoke write() function on [<0%s>]

  - # *Cause: The system failed to write data on the file.
  - # *Action: Please check the disk.

- 0x01053 (4179) idERR_ABORT_SyncError Failed to sync a file for [<0%s>].

  - # *Cause: Failed to invoke sync() function.
  - # *Action: Please send a bug report to the vendor.

- 0x01043 (4163) idERR_ABORT_Session_Closed The server session has been closed by a client.

  - # *Cause: The server session has been closed by a client.
  - # *Action: No Action

- 0x01044 (4164) idERR_ABORT_Query_Timeout Client's query exceeded in the execution time limitation.

  - # *Cause: The query is running for too long time.
  - # *Action: Please check session timeout properties or system properties.

- 0x01047 (4167) idERR_ABORT_idm_Id_Not_Found ID is not found.

  - # *Cause: The ID is not found.
  - # *Action: Please make sure that the ID is valid

- 0x01048 (4168) idERR_ABORT_idm_Unable_To_Get_Attribute Unable to get idm attributes

  - # *Cause: Unable to get idm attributes
  - # *Action: Please verify the id and attributes.

- 0x01049 (4169) idERR_ABORT_idm_Unable_To_Set_Attribute Unable to set idm attributes

  - # *Cause: Unable to set idm attributes
  - # *Action: Please verify the id and attributes.

- 0x0104B (4171) idERR_ABORT_idp_NameNotFound Unable to find the property name [<0%s>].

  - # *Cause: The specified property name is not registered on the system.
  - # *Action: Please check the property name.
  -

- 0x0104C (4172) idERR_ABORT_idp_RangeOverflow The property value [<0%s>] overflowed range.

  - # *Cause: The specified property value overflowed.
  - # *Action: Please check the property value.

- 0x0104D (4173) idERR_ABORT_idp_NoSuchEntry The entry [<1%d>] of the property [<0%s>] does not exist.

  - # *Cause: The specified property entry does not exist.
  - # *Action: Please check the entry number of the property.

- 0x0104E (4174) idERR_ABORT_idp_ReadOnlyEntry The property [<0%s>] is read-only.

  - # *Cause: The specified property entry cannot be modified.
  - # *Action: Please refer to the specification of the property.

- 0x0104F (4175) idERR_ABORT_idp_NotReadOnly The property [<0%s>] is not read-only

  - # *Cause: Internal Error
  - # *Action: Please send a bug report to the vendor.

- 0x01050 (4176) idERR_ABORT_idu_InvalidLicense License does not exist or expired.

  - # *Cause: License file does not exist or the license expired.
  - # *Action: Please install a valid license.

- 0x01051 (4177) idERR_ABORT_IDU_MEMORY_ALLOCATION Memory allocation failed.

  - # *Cause: - Insufficient memory
  - # *Action: - Please make sure that the system has enough memory.

- 0x01054 (4180) idERR_ABORT_ASYNC_IO_FAILED AIO result operation failed[<0%d>].

  - # *Cause: - Asynchronous I/O operation failed to wait for the I/O to be finished.
  - # *Action: - Please check the operated files.

- 0x01055 (4181) idERR_ABORT_ASYNC_IO_READ_FAILED AIO read operation failed[<0%d>].

  - # *Cause: - Asynchronous I/O read operation failed.
  - # *Action: - Please check the operated files.
  -

- 0x01056 (4182) idERR_ABORT_ASYNC_IO_WRITE_FAILED AIO write operation failed[<0%d>].

- # *Cause: - Asynchronous I/O write operation failed.
- # *Action: - Please check the operated files.

- 0x01057 (4183) idERR_ABORT_ASYNC_IO_RETURN_FAILED AIO return operation failed[<0%d>].
  - # *Cause: - Asynchronous I/O aio_return() operation failed.
  - # *Action: - Please check the operated files.
- 0x01058 (4184) idERR_ABORT_DISK_SPACE_EXHAUSTED Failed to create, extend or sync a file (Name : <0%s>, Start Offset : <1%d>, Write Size : <2%d>)
  - # *Cause: - Disk space or the user's quota has been exhausted.
  - # *Action: - Please extend the disk space for log file, memory db file, the datafile for disk tablespace or increase user quota.
- 0x01059 (4185) idERR_ABORT_EXCEED_FILE_SIZE_LIMIT Failed to extend a file (Name : <0%s>, Start Offset : <1%d>, Write Size : <2%d>)
  - # *Cause: - An attempt to extend data file exceeds the file size limit of the process or the maximum file size of the operating system.
  - # *Action: - Please change system limit.
- 0x0105A (4186) idERR_ABORT_EXCEED_OPEN_FILE_LIMIT Failed to create a file(Name : <0%s>, Start Offset : <1%d>, Write size : <2%d>)
  - # *Cause: - The limit on the total number of open files on the system or number of maximum file descriptors has been reached.
  - # *Action: - Please close unused open files or change system property.
- 0x0105B (4187) idERR_ABORT_IDU_FILE_INVALID_PATH Invalid directory path.
  - # *Cause: - A corresponding directory object does not exist.
  - # *Action: - Correct the directory object parameter, or create a corresponding directory object with the CREATE DIRECTORY command.
- 0x0105C (4188) idERR_ABORT_IDU_FILE_INVALID_FILEHANDLE Invalid file handle.
  - # *Cause: - A file handle was specified for which no corresponding open file exists.
  - # *Action: - Verify that the file handle is a value returned from a call to FOPEN.
- 0x0105D (4189) idERR_ABORT_IDU_FILE_INVALID_OPERATION Invalid file operation.
  - # *Cause: - An attempt was made to read from a file or directory that does not exist, or file or directory access was denied by the operating system.
  - # *Action: - Verify file and directory access privileges on the file system, and if reading, verify that the file exists.
- 0x0105E (4190) idERR_ABORT_IDU_FILE_DELETE_FAILED File remove operation failed.
  - # *Cause: - File deletion attempt was refused by the operating system.
  - # *Action: - Verify that the file exists and delete privileges granted on the directory and the file.
- 0x0105F (4191) idERR_ABORT_IDU_FILE_RENAME_FAILED File rename operation failed.

  - # *Cause: - A file rename attempt was refused by the operating system either because the source or destination directory does not exist or is inaccessible, the source file isn't accessible, or the destination file exists.
  - # *Action: - Verify that the source file, source directory, and destination directory exist and are accessible, and that the destination file does not already exist.

- 0x01060 (4192) idERR_ABORT_IDU_FILE_NO_DATA_FOUND No data found on file.
  - # *Cause: - Cannot read more data on file.
  - # *Action: - Check file is empty or position reaches end-of-file.

- 0x01061 (4193) idERR_ABORT_IDU_FILE_READ_ERROR File read error.
  - # *Cause: - An attempt to read from a file failed.
  - # *Action: - Verify that the file exists, and that it is accessible, and that it is open in read mode.

- 0x01062 (4194) idERR_ABORT_IDU_FILE_WRITE_ERROR File write error.
  - # *Cause: - Failed to write to a file.
  - # *Action: - Verify that the file exists, that it is accessible, and that it is open in write or append mode.

- 0x01063 (4195) idERR_ABORT_MESSAGE_OVERFLOW Message too long.
  - # *Cause: - The message to digest is too long.
  - # *Action: - Make the message length shorter than 2^61.

- 0x01066 (4198) idERR_ABORT_idp_Value_Convert_Error The property [<0%s>] value [<1%s>] is not convertable.
  - # *Cause: Data Format is invalid.
  - # *Action: check the property value specified.
  - # Server Internal Message

- 0x01067 (4199) idERR_ABORT_MAX_MEM_SIZE_EXCEED The allocated memory size of statement exceeds the maximum limit (Name : <0%s>, Wanted Memory Size : <1%lu>, Max size : <2%lu>).
  - # *Cause: - The allocated memory size of statement exceeds the maximum limit.
  - # *Action: - Please increase the XXXXXXX_STMT_MEMORY_MAXIMUM Property.

- 0x01068 (4200) idERR_ABORT_QUEUE_EMPTY Queue empty
  - # *Cause: Queue empty
  - # *Action: Internal error.
  -

- 0x01069 (4201) idERR_ABORT_QUEUE_FULL Queye full
  - # *Cause: Queue full
  - # *Action: Internal error.

- 0x0106A (4202) idERR_ABORT_Query_Canceled Query canceled by client.

- # *Cause: The query is canceled by client.
- # *Action: The query is canceled by client.

- 0x0106B (4203) idERR_ABORT_Session_Disconnected The session has been disconnected by client

  - # *Cause: The session has been disconnected by client.
  - # *Action: No Action

- 0x0106C (4204) idERR_ABORT_Invalid_Profile_State Query Profile has already been activated. Turn it off first.

  - # *Cause: The session has been disconnected by client.
  - # *Action: No Action

- 0x0106F (4207) idERR_ABORT_BY_RECOVERY_TEST Abort Error happend by Recovery Test

  - # *Cause: Recovery Test
  - # *Action: Internal error.

- 0x01073 (4211) idERR_ABORT_GPKI_API_Init GPKI_API_Init error: [<0%d>]

  - # *Cause: The GPKI module failed to run the function.
  - # *Action: Please check the error number.

- 0x01074 (4212) idERR_ABORT_GPKI_API_GetVersion GPKI_API_GetVersion error: [<0%d>]

  - # *Cause: The GPKI module failed to run the function.
  - # *Action: Please check the error number.

- 0x01075 (4213) idERR_ABORT_GPKI_API_Finish GPKI_API_Finish error: [<0%d>]

  - # *Cause: The GPKI module failed to run the function.
  - # *Action: Please check the error number.

- 0x01076 (4214) idERR_ABORT_GPKI_STORAGE_ReadCert GPKI_STORAGE_ReadCert error: [<0%d>]

  - # *Cause: The GPKI module failed to run the function.
  - # *Action: Please check the error number.

- 0x01077 (4215) idERR_ABORT_GPKI_STORAGE_ReadPriKey GPKI_STORAGE_ReadPriKey error: [<0%d>]

  - # *Cause: The GPKI module failed to run the function.
  - # *Action: Please check the error number.

- 0x01078 (4216) idERR_ABORT_GPKI_PRIKEY_CheckKeyPair GPKI_PRIKEY_CheckKeyPair error: [<0%d>]

  - # *Cause: The GPKI module failed to run the function.
  - # *Action: Please check the error number.

- 0x01079 (4217) idERR_ABORT_GPKI_CRYPT_GenRandom GPKI_CRYPT_GenRandom error: [<0%d>]

- — # *Cause: The GPKI module failed to run the function.
- — # *Action: Please check the error number.

- 0x0107A (4218) idERR_ABORT_GPKI_VersionMismatched VersionMismatched error
  - — # *Cause: The GPKI module version is different with client.
  - — # *Action: Please check the GPKI module version.
- 0x0107B (4219) idERR_ABORT_GPKI_BINSTR_SetData GPKI_BINSTR_SetData error: [<0%d>]
  - — # *Cause: The GPKI module failed to run the function.
  - — # *Action: Please check the error number.
- 0x0107C (4220) idERR_ABORT_GPKI_CMS_MakeSignedAndEnvData GPKI_CMS_MakeSignedAndEnvData error: [<0%d>]
  - — # *Cause: The GPKI module failed to run the function.
  - — # *Action: Please check the error number.
- 0x0107D (4221) idERR_ABORT_GPKI_CRYPT_GetKeyAndIV GPKI_CRYPT_GetKeyAndIV error: [<0%d>]
  - — # *Cause: The GPKI module failed to run the function.
  - — # *Action: Please check the error number.
- 0x0107E (4222) idERR_ABORT_GPKI_CMS_ProcessSignedAndEnvData GPKI_CMS_ProcessSignedAndEnvData error: [<0%d>]
  - — # *Cause: The GPKI module failed to run the function.
  - — # *Action: Please check the error number.
- 0x0107F (4223) idERR_ABORT_GPKI_CERT_Verify GPKI_CERT_Verify error: [<0%d>]
  - — # *Cause: The GPKI module failed to run the function.
  - — # *Action: Please check the error number.
- 0x01080 (4224) idERR_ABORT_GPKI_CERT_Load GPKI_CERT_Load error: [<0%d>]
  - — # *Cause: The GPKI module failed to run the function.
  - — # *Action: Please check the error number.
- 0x01081 (4225) idERR_ABORT_GPKI_CERT_GetSubjectName GPKI_CERT_GetSubjectName error: [<0%d>]
  - — # *Cause: The GPKI module failed to run the function.
  - — # *Action: Please check the error number.
- 0x01082 (4226) idERR_ABORT_GPKI_CERT_Unload GPKI_CERT_Unload error: [<0%d>]
  - — # *Cause: The GPKI module failed to run the function.
  - — # *Action: Please check the error number.
- 0x01083 (4227) idERR_ABORT_GPKI_ValueMismatched ValueMismatched error
  - — # *Cause: The random value is different with client.

  - # *Action: Please check the GPKI module version.

- 0x01084 (4228) idERR_ABORT_GPKI_CRYPT_Encrypt GPKI_CRYPT_Encrypt error: [<0%d>]

  - # *Cause: The GPKI module failed to run the function.
  - # *Action: Please check the error number.

- 0x01085 (4229) idERR_ABORT_GPKI_CypherTextTooLong CypherTextTooLong error

  - # *Cause: The cyphertext is too long.
  - # *Action: Please send a bug report to the vendor.

- 0x01086 (4230) idERR_ABORT_GPKI_CRYPT_Decrypt GPKI_CRYPT_Decrypt error: [<0%d>]

  - # *Cause: The GPKI module failed to run the function.
  - # *Action: Please check the error number.

- 0x01087 (4231) idERR_ABORT_GPKI_PlainTextTooLong PlainTextTooLong error

  - # *Cause: The plaintext is too long.
  - # *Action: Please send a bug report to the vendor.

- 0x01088 (4232) idERR_ABORT_GPKI_dlopen dlopen error [<0%s>]

  - # *Cause: dlopen error
  - # *Action: Please check shared library.

- 0x01089 (4233) idERR_ABORT_GPKI_dlsym dlsym error

  - # *Cause: dlsym error
  - # *Action: Please check shared library.

- 0x0108A (4234) idERR_ABORT_GPKI_dlclose dlclose error

  - # *Cause: dlclose error
  - # *Action: Please check shared library.
  - # Server Internal Message

ID IGNORE

- 0x02000 (8192) idERR_IGNORE_NoError No ID module error

  - # *Cause: This is not an error.
  - # *Action: You can ignore this error message.

- 0x02016 (8214) idERR_IGNORE_idc_CHANNEL_OPEN_FAILED Unable to open a communication channel that was not created yet

  - # *Cause: Failed to open a communication channel because the communication channel was not created yet
  - # *Action: It is not an error of Altibase.

- 0x0206E (8302) idERR_IGNORE_VAR_STRING_APPEND_FORMAT_TOO_LONG Too long VarString appendFormat

- # *Cause: Too long VarString appendFormat.
- # *Action: Internal error.

SM Error Code

SM FATAL

- 0x10002 (65538) smERR_FATAL_FileDelete Unable to delete <0%s> file
  - # *Cause: The system failed to unlink the file.
  - # *Action: Please terminate needless processes.
- 0x10004 (65540) smERR_FATAL_NoMoreMemory Insufficient memory
  - # *Cause: The system failed to allocate memory.
  - # *Action: Please terminate needless processes.
- 0x10005 (65541) smERR_FATAL_MmapFail Failed to invoke a system function, mmap()
  - # *Cause: The system failed to map the log file.
  - # *Action: Please send a bug report to the vendor.
- 0x10006 (65542) smERR_FATAL_MunmapFail Failed to invoke a system function, unmap()
  - # *Cause: The system failed to unmap the log file.
  - # *Action: Please send a bug report to the vendor.
- 0x1000A (65546) smERR_FATAL_SysShmDt Failed to invoke a system function, shmdt().
  - # *Cause: The system failed to detach a shared memory region from a process.
  - # *Action: Please send a bug report to the vendor.
- 0x1000B (65547) smERR_FATAL_SysShmCtl Failed to invoke a system function, shmctl().
  - # *Cause: The system failed to remove the shared memory.
  - # *Action: Please send a bug report to the vendor.
- 0x1000C (65548) smERR_FATAL_Systhrjoin Failed to invoke a system function, thr_join().
  - # *Cause: The system failed to join the thread.
  - # *Action: Please send a bug report to the vendor.
- 0x1000D (65549) smERR_FATAL_ThrMutexInit Unable to initialize a mutex.
  - # *Cause: The system failed to initialize a mutex.
  - # *Action: Please send a bug report to the vendor.
- 0x1000E (65550) smERR_FATAL_ThrMutexDestroy Failed to invoke a system function, mutex_destory().
  - # *Cause: The system failed to remove a mutex.
  - # *Action: Please send a bug report to the vendor.
- 0x1000F (65551) smERR_FATAL_ThrMutexLock Failed to invoke a system function, mutex_lock().

  - # *Cause: The system failed to lock a mutex.
  - # *Action: Internal error of a mutex

- 0x10010 (65552) smERR_FATAL_ThrMutexUnlock Failed to invoke a system function, mutex_unlock().

  - # *Cause: The system failed to unlock a mutex.
  - # *Action: Internal error of a mutex

- 0x10011 (65553) smERR_FATAL_ThrCondInit Failed to invoke a system function, cond_init().

  - # *Cause: The system failed to initialize a condition variable.
  - # *Action: Please send a bug report to the vendor.
  -

- 0x10012 (65554) smERR_FATAL_ThrCondSignal Failed to invoke a system function, cond_signal().

  - # *Cause: The system failed to signal on a condition variable.
  - # *Action: Please send a bug report to the vendor.

- 0x10013 (65555) smERR_FATAL_ThrCondDestroy Failed to invoke a system function, cond_destroy().

  - # *Cause: The system failed to remove a condition variable.
  - # *Action: Please send a bug report to the vendor.

- 0x10014 (65556) smERR_FATAL_ThrCondWait Failed to invoke a system function, cond_wait().

  - # *Cause: Invalid condition value or invalid mutex
  - # *Action: Please send a bug report to the vendor.

- 0x10017 (65559) smERR_FATAL_NoMoreMem Insufficient memory

  - # *Cause: Insufficient memory
  - # *Action: Please terminate needless processes or tune up memory.

- 0x10018 (65560) smERR_FATAL_BACKUP_DISK_INVALID The version of data file for backup is not compatible with the version of storage manager. Backup DB => [Version ID = <0%s>, Bit = <1%d>, Endian = <2%s> LogSize = <3%lu> Transaction Table Size = <4%d>] Server=>[Version ID = <5%s>, Bit = <6%d>, Endian = <7%s> LogSize = <8%lu> Transaction Table Size = <9%d>]

  - # *Cause: The database has no backward compatibility.
  - # *Action: Please import or export the database or use one of the previous versions of storage manager compatible with the data file.

- 0x10019 (65561) smERR_FATAL_SysRead Failed to invoke a system function, read().

  - # *Cause: The system failed to read from the file.
  - # *Action: Disk error

- 0x1001A (65562) smERR_FATAL_Sysfstat Failed to invoke a system function, fstat().

  - # *Cause: The system failed to invoke fstat() function.

  - # *Action: System error
  -

- 0x1001C (65564) smERR_FATAL_PageCorrupted A page is corrupt. (Current Space ID : <0%d>, Current Page ID : <1%d>)

  - # *Cause: The page was not written completely.
  - # *Action: Please recover the tablespace that contains the corrupt page with backup and recovery utilities.

- 0x1001E (65566) smERR_FATAL_DWBufferHdrPageCorrupted DW buffer header has not been created yet, or its page is corrupt. (DW Buffer Space ID : <0%d>, DW Buffer Hdr Page ID : <1%d>)

  - # *Cause: DW buffer manager initialization failed because DW buffer header was corrupt.
  - # *Action: DW buffer header page must be recovered.
  -

- 0x1003A (65594) smERR_FATAL_InvalidTableSpaceCount The number of tablespaces in the log anchor file is invalid.

  - # *Cause: The number of tablespaces in the log anchor file is invalid.
  - # *Action: Please send a bug report to the vendor.

- 0x1003B (65595) smERR_FATAL_InvalidDataFileCount The number of data files in the log anchor file is invalid.

  - # *Cause: The number of data files in the log anchor file is invalid.
  - # *Action: Please send a bug report to the vendor.

- 0x1003F (65599) smERR_FATAL_InvalidDiskLogRec The log record for a disk table is invalid. (LSN {<0%d>,<1%d>})

  - # *Cause: The log record for a disk table is invalid.
  - # *Action: Please send a bug report to the vendor.

- 0x10040 (65600) smERR_FATAL_InvalidUpdate Unable to update a temporary variable column

  - # *Cause: It is impossible to update a temporary variable column.
  - # *Action: Please send a bug report to the vendor.

- 0x10042 (65602) smERR_FATAL_ReadLogRec Unable to read a log record

  - # *Cause: Unable to read a log record
  - # *Action: Examine if the log file is not lost.

- 0x10043 (65603) smERR_FATAL_WrongLogFileSize The size of a log file is wrong <0%s>.

  - # *Cause: The file system has a problem.
  - # *Action: Please check the file system.

- 0x10048 (65608) smERR_FATAL_TooLongDBName Too long database file name (A database file name should be shorter than <0%d>.)

  - # *Cause: Too long database file name

  - # *Action: Please use a database file name that is shorter than the limitation of the length of a database file name.

- 0x1004B (65611) smERR_FATAL_Shm_No_Permission No permission on the shared memory database

  - # *Cause: A shared memory region has already been created with the same key but different UID.
  - # *Action: Please remove the shared memory region, or create a shared memory region with another key.

- 0x10050 (65616) smERR_FATAL_smnNotSupportedIndex The index type is not supported.

  - # *Cause: The index type is not supported.
  - # *Action: Please refer to the list of supported index types.

- 0x10052 (65618) smERR_FATAL_smiCursorNotOpened The cursor is not opened yet.

  - # *Cause: The cursor is not opened yet.
  - # *Action: Please open the cursor before using it.

- 0x10054 (65620) smERR_FATAL_smiNoSelectedRow No row is selected.

  - # *Cause: No row is selected.
  - # *Action: Please select a row to update or delete.

- 0x10057 (65623) smERR_FATAL_Uncommitted_Row_Found An uncommitted row is found.

  - # *Cause: An uncommitted row is found.
  - # *Action: Internal server error
  -

- 0x1005E (65630) smERR_FATAL_smiChildStatementExist One or more child statements exists.

  - # *Cause: It is not allowed to open a cursor when a child statement exists.
  - # *Action: Please do not open a cursor when a child statement exists.

- 0x10063 (65635) smERR_FATAL_Overflow_DB_Size The database size is larger than the one of the property. (Specified Page Limit=<0%lu> : Allocated Page Size=<1%vu>)

  - # *Cause: Too few database page count.
  - # *Action: Please increase the SMU_MAX_DB_SIZE property.

- 0x10068 (65640) smERR_FATAL_smnColumnNotFound Unable to find a column

  - # *Cause: Unable to find a column
  - # *Action: Please make sure that the column to find is valid

- 0x1006A (65642) smERR_FATAL_Shm_Link_Not_Exist A shared memory linkage has been disconnected. Please remove it and try again.

  - # *Cause: One or more shared memory linkages is not connected together.
  - # *Action: Please remove the shared memory regions and try again.

- 0x1006B (65643) smERR_FATAL_Shm_Link_Invalid_State Invalid shared memory linkage

found. Remove it and try again.(key = <0%d>)

  - # *Cause: The system failed to link a shared memory region.
  - # *Action: Please remove all the shared memory regions, and try again.

- 0x1006C (65644) smERR_FATAL_Shm_Link_Invalid_Version Invalid shared memory linkage version. Remove it and try again (key = <0%d>).

  - # *Cause: One or more shared memory linkages has invalid version.
  - # *Action: Please remove all shared memory regions, and try again.

- 0x1006E (65646) smERR_FATAL_smiCantExecuteDDL Unable to execute a DDL.

  - # *Cause: Either another statement already exists or a cursor is already open.
  - # *Action: Please make sure that another statement does not exist yet.
  - # Please make sure that a cursor is opend only once.
  -

- 0x1006F (65647) smERR_FATAL_smiCantOpenUpdateCursor Unable to open an update cursor.

  - # *Cause: A read-only statement is not allowed to open an update cursor.
  - # *Action: Please make sure that an update cursor is not opened in a read-only statement.

- 0x10070 (65648) smERR_FATAL_smiCantRestartUpdateCursor Unable to restart an update cursor.

  - # *Cause: An update cursor is not allowed to be started.
  - # *Action: Please make sure that an update cursor is not restarted.

- 0x10078 (65656) smERR_FATAL_DiffDbName The DB name of disk [<0%s>] does not match that of property file.

  - # *Cause: Difference between DB name of Disk from that of property
  - # *Action: Please correct the DB name in the property file to the one of disk.

- 0x1007A (65658) smERR_FATAL_smiCantEndStatement_too_many Unable to end the statement because it has child statements (The number of child statements is [<0%d>].)

  - # *Cause: The statement has child statements.
  - # *Action: Please end all the child statements.

- 0x1007B (65659) smERR_FATAL_smiCantEndStatement_not_closed Unable to end the statement because it has open cursors.

  - # *Cause: The statement has open cursors.
  - # *Action: Please close all the open cursors.

- 0x1007F (65663) smERR_FATAL_ShmDB_Signature_Mismatch The DB signature on the shared memory region and the backup database file is different. (Backup DB : <0%s>, Shared DB : <1%s>)

  - # *Cause: The shared memory region and the backup database file has different timestamp.
  - # *Action: Please remove all the shared memory regions and try again.

- 0x10082 (65666) smERR_FATAL_DISABLED_ABORT_IN_LOGGING_LEVEL_0 ABORT is disabled.
  - # *Cause: No Log in LOGGING_LEVEL 0
  - # *Action: Please check LOGGING_LEVEL and the case of transaction abort.
- 0x10085 (65669) smERR_FATAL_CannotOpenDir The system failed to open the directory.
  - # *Cause: The system failed to invoke a system function, opendir().
  - # *Action: Plase check Altibase boot log.
- 0x10086 (65670) smERR_FATAL_CannotReadDir The system failed to read the directory.
  - # *Cause: The system failed to invoke a system function, readdir_r().
  - # *Action: Plase check Altibase boot log.
- 0x10088 (65672) smERR_FATAL_INVALIDE_ROW_SCN Invalid row SCN
  - # *Cause: Invalid row SCN
  - # *Action: Please send a bug report to the vendor.
- 0x1008A (65674) smERR_FATAL_MEMBASE_INVALID The database is inconsistent.
  - # *Cause: The database is inconsistent.
  - # *Action: Please send a bug report to the vendor.
- 0x1008D (65677) smERR_FATAL_NotFoundDataFile The data file containing page [<0%d>] does not exist. (Tablespace - ID : <1%d>, Type : <2%d>)
  - # *Cause: The data file does not exist.
  - # *Action: Please send a bug report to the vendor.
- 0x100A7 (65703) smERR_FATAL_NotExistLogFile logfile<0%s> isn't existent.
  - # *Cause: logfile isn't existent.
  - # *Action: please, check logfile directory.
- 0x100AF (65711) smERR_FATAL_OSFileSizeLimit_ERROR The maximum file size of OS is less than the database file size that was given at CREATE DATABASE statement (<0%lu> MB).
  - # *Cause: The maximum file size of OS is less than that of property.
  - # *Action: Please increase the maximum file size of OS.
- 0x100B0 (65712) smERR_FATAL_GETLIMIT_ERROR Failed to invoke a system function, getrlimit()
  - # *Cause: The system failed to map the log file.
  - # *Action: Please send a bug report to the vendor.
- 0x100B3 (65715) smERR_FATAL_DIFFERENT_DB_FREE_PAGE_LIST_COUNT Different Page List Count. The value of PAGE_LIST_GROUP_COUNT property is different from the one used when createdb was executed. (current PAGE_LIST_GROUP_COUNT:<0%d>, createdb's PAGE_LIST_GROUP_COUNT <1%d>)
  - # *Cause: The value of PAGE_LIST_GROUP_COUNT property is different from the one used for createdb

  - # *Action: Please set the exactly same value to PAGE_LIST_GROUP_COUNT as the database was created.

- 0x100B4 (65716) smERR_FATAL_DIFFERENT_DB_EXPAND_CHUNK_PAGE_COUNT Different Expand Chunk Page Count. The value of EXPAND_CHUNK_PAGE_COUNT property is different from the one used when createdb was executed. (current EXPAND_CHUNK_PAGE_COUNT:<0%d>, createdb's EXPAND_CHUNK_PAGE_COUNT <1%d>)

  - # *Cause: The value of EXPAND_CHUNK_PAGE_COUNT property is different from the one used for createdb.
  - # *Action: Please set the exactly same value to EXPAND_CHUNK_PAGE_COUNT as the database was created.

- 0x100B5 (65717) smERR_FATAL_TOO_MANY_PER_LIST_PAGE_COUNT_ERROR Too Many Pages on Per List Page Count. (Please change property values to meet the condition EXPAND_CHUNK_PAGE_COUNT(<0%lu>) is greater than or equal to 2 * PER_LIST_DIST_PAGE_COUNT(<1%lu>) * PAGE_LIST_GROUP_COUNT(<2%lu>).)

  - # *Cause: An expand chunk should have enough pages to be distributed to all database free page list at least twice. The user has specified property values that does not satisfy this condition, EXPAND_CHUNK_PAGE_COUNT <= 2 * PER_LIST_DIST_PAGE_COUNT * PAGE_LIST_GROUP_COUNT.
  - # *Action: Please change EXPAND_CHUNK_PAGE_COUNT or PER_LIST_DIST_PAGE_COUNT to meet the condition EXPAND_CHUNK_PAGE_COUNT <= 2 * PER_LIST_DIST_PAGE_COUNT * PAGE_LIST_GROUP_COUNT.

- 0x100B6 (65718) smERR_FATAL_InvalidLFGCount Log file group count of loganchor is not equal to Log file group count of altibase.properties.

  - # *Cause: Log file group count of altibase.properties is changed after db create.
  - # *Action: make sure that Log file group count of altibase.properties is valid.

- 0x100B7 (65719) smERR_FATAL_InvalidUseResetLog There is no need to use resetlog.

  - # *Cause: There is no need to use resetlog.
  - # *Action: make sure that resetlog is needed.

- 0x100B8 (65720) smERR_FATAL_Invalid_LFGCntAndPageListCnt LFG Count(<0%d>) and Page List Count(<1%d>) is invalid.

  - # *Cause: LFG Count and Page List Count is invalid.
  - # *Action: check property file to make sure that LFG Count and Page List Count is valid.

- 0x100B9 (65721) smERR_FATAL_MISMATCHED_LFGID_IN_LOGFILE Mismatched Log File Group ID. The log file(<0%s>) was originally in LFG#<1%d>, but moved to different LFG#<2%d>.

  - # *Cause: The log file has been moved to another Log File Group.
  - # *Action: Please check the property file whether the order of LOG_DIR properties have been changed.

- 0x100BA (65722) smERR_FATAL_MISMATCHED_FILENO_IN_LOGFILE Mismatched log file NO. The number of the log file(<0%s>) was originally #<1%d>, which is different from the one in its name, #<2%d>.

  - — # *Cause: The log file has been renamed.
  - — # *Action: Please check if the logfile has been renamed. Please rename the logfile to the original name.

- . 0x100C3 (65731) smERR_FATAL_INVALID_MEM_MAX_DB_SIZE MEM_MAX_DB_SIZE(<0%d>) is less than EXPAND_CHUNK_PAGE_COUNT(<1%d>) * PAGE_SIZE.

  - — # *Cause: MEM_MAX_DB_SIZE property is invalid.
  - — # *Action: Use a larger value for MEM_MAX_DB_SIZE property.

- 0x100D3 (65747) smERR_FATAL_InvalidChkptPathCount The number of checkpoint paths in the log anchor file is invalid.

  - — # *Cause: The number of checkpoint paths in the log anchor file is invalid.
  - — # *Action: Please send a bug report to the vendor.

- 0x100D4 (65748) smERR_FATAL_TooLongTBSName Too long tablespace file name (A tablespace file name should be shorter than <0%d>.)

  - — # *Cause: Too long tablespace file name
  - — # *Action: Please use a tablespace file name that is shorter than the limitation of the length of a tablespace file name.

- 0x100D5 (65749) smERR_FATAL_Shm_Link_Invalid_TBSID Invalid shared memory linkage tablespace ID. Remove it and try again (Tablespace ID on Shared Memory Chunk= <0%d>, Expected Tablespace ID on Shared Memory Chunk= <1%d>).

  - — # *Cause: Internal Server Error.
  - — # *Action: Please remove all shared memory regions, and try again.

- 0x100D6 (65750) smERR_FATAL_INVALID_SHARED_MEMORY_DATABASE_TRIAL_TO_DIFFERENT_RESTORE_MODE Invalid Shared Memory. Some tablespace tried to restore in different mode. Please remove all shared memory region and try to start altibase again.

  - — # *Cause: Shared memory region is invalid. Altibase supports same restore mode on every tablespace.
  - — # *Action: Please remove all shared memory regions, and try again.

- 0x10108 (65800) smERR_FATAL_LogFileSizeNotAlignedToDirectIOPageSize The size of logfile does not aligned to DIRECT_IO_PAGE_SIZE.

  - — # *Cause: The size of logfile is not aligned to DIRECT_IO_PAGE_SIZE.
  - — # *Action: Please make sure that The size of logfile is aligned to DIRECT_IO_PAGE_SIZE.

- 0x1010C (65804) smERR_FATAL_ALLOC_NEW_EXPAND_CHUNK Fatal error during alloc new expand chunk

  - — # *Cause: unexpected error.
  - — # *Action: Internal error.

- 0x10112 (65810) smERR_FATAL_Not_Support_MMap The OS does not support mmap.

  - — # *Cause: The OS does not support mmap.
  - — # *Action: Please check LOG_BUFFER_TYPE.

SM ABORT

- 0x11000 (69632) smERR_ABORT_already_created The shared memory region is already in use.
  - # *Cause: The shared memory region is already in use.
  - # *Action: Please change the key value of a shared memory to a different one.
- 0x11001 (69633) smERR_ABORT_NoMore_SHM_Page Insufficient memory for database
  - # *Cause: The system failed to extend more memory because the database was created in a shared memory region.
  - # *Action: Please terminate the database and make sure that the system has sufficient memory using shmutil.
- 0x11003 (69635) smERR_ABORT_FileDelete Unable to delete <0%s> file
  - # *Cause: The system failed to unlink file.
  - # *Action: Please terminate needless processes.
- 0x11008 (69640) smERR_ABORT_SysShmGet Failed to invoke a system function, shmget().
  - # *Cause: The system failed to allocate a new shared memory region due to the lack of resource on the system.
  - # *Action: Please adjust parameters in order to get the sufficient resource of shared memory.
- 0x11009 (69641) smERR_ABORT_SysShmAt Failed to invoke a system function, shmat().
  - # *Cause: The system failed to attach a shared memory region to a process.
  - # *Action: Please send a bug report to the vendor.
- 0x11015 (69653) smERR_ABORT_commitTSS Unable to set commit SCN into TSS slot or unable to add TSS slot to the committed TSS list.
  - # *Cause: There is a problem in the TSS segment.
  - # *Action: The current transaction is rolled back.
- 0x11016 (69654) smERR_ABORT_NotFoundSavepoint Savepoint not found
  - # *Cause: There is no such savepoint in the transaction.
  - # *Action: Please make sure that the use of savepoint is correct.
- 0x1101B (69659) smERR_ABORT_InsufficientBufferPool Insufficient buffer pool to get a free page (Current Buffer Size : <0%d>, Buffer Pool Max Size : <1%d>, Free Pages : <2%d>, Used Pages : <3%d>)
  - # *Cause: The system cannot get a free page.
  - # *Action: Please increase buffer pool size.
- 0x1101D (69661) smERR_ABORT_ExceedBufferPoolMaxSize The buffer pool size exceeds the maximum size. (Buffer Pool Max Size : <0%d>, Wanted Buffer Pool Size : <1%d>, Current Buffer Size : <2%d>)

  - # *Cause: The buffer pool size exceeds the maximum size.
  - # *Action: Please set the buffer pool size less than or equal to the maximum buffer pool size.

- 0x1101F (69663) smERR_ABORT_InvalidAutoExtFileSize The Maximum size of the data file cannot be less than the current size of it. (Name : <0%s>, Current Size : <1%ld>, Request Max Size : <2%ld>)

  - # *Cause: The maximum size of the data file is less than the current size of the data file.
  - # *Action: Please reset the INITSIZE or MAXSIZE of the data file correctly.

- 0x11020 (69664) smERR_ABORT_InitExceedMaxFileSize The INITSIZE of a data file exceeds the maximum OS file size.

  - # *Cause: The INITSIZE of data file exceeds maximum OS file size.
  - # *Action: Please reset the INITSIZE of the data file correctly.

- 0x11021 (69665) smERR_ABORT_CurrExceedMaxFileSize The CURRSIZE of a data file exceeds maximum OS file size.

  - # *Cause: The CURRSIZE of data file exceeds maximum OS file size.
  - # *Action: Please send a bug report to the vendor.

- 0x11022 (69666) smERR_ABORT_MaxExceedMaxFileSize The MAXSIZE of data file exceeds maximum OS file size. (Name : <0%s>, Request Max Size : <1%d>, OS Max Size : <2%d>)

  - # *Cause: The MAXSIZE of data file exceeds maximum OS file size.
  - # *Action: Please reset the MAXSIZE of data file correctly.

- 0x11023 (69667) smERR_ABORT_InvalidFilePathABS The data file path is not an absolute path.

  - # *Cause: The data file path is not an absolute path.
  - # *Action: Please check the environment variable, ALTIBASE_HOME of this account.

- 0x11024 (69668) smERR_ABORT_InvalidFilePathKeyWord The data file path has special keywords or system reserved keywords.

  - # *Cause: The data file path has special keywords or system reserved keywords.
  - # *Action: Please reset the data file path correctly.

- 0x11025 (69669) smERR_ABORT_AlreadyExistFile The data file already exists.

  - # *Cause: The data file already exists.
  - # *Action: Use reuse-phase in create statement or retry after removing a data file.

- 0x11026 (69670) smERR_ABORT_CannotShrinkFile The data file size cannot be shrunken.

  - # *Cause: The data file size cannot be shrunken.
  - # *Action: Please reset the wanted size of data file.

- 0x11027 (69671) smERR_ABORT_NotExistFile The data file does not exist.

  - # *Cause: The data file does not exist.
  - # *Action: Please reset the data file path correctly.

- 0x11028 (69672) smERR_ABORT_NoReadPermFile The path[<0%s>] does not pass test for read permission.
  - # *Cause: The path does not pass test for read permission.
  - # *Action: Please add read permission to the path.
- 0x11029 (69673) smERR_ABORT_NoWritePermFile The path[<0%s>] does not pass test for write permission.
  - # *Cause: The path does not pass test for write permission.
  - # *Action: Please add write permission to the path.
- 0x1102A (69674) smERR_ABORT_NotFoundTableSpaceNodeByName Tablespace node not found (Name : <0%s>)
  - # *Cause: The tablespace is not found.
  - # *Action: Please reset the table space name to one that exists and retry.
- 0x1102B (69675) smERR_ABORT_NotFoundTableSpaceNode Tablespace node not found (ID : <0%d>)
  - # *Cause: The tablespace is not found.
  - # *Action: Please reset the table space ID to one that exists and retry.
- 0x1102C (69676) smERR_ABORT_MustBeDataFileOnlineMode The data file node must be in online mode (FID:<0%d>).
  - # *Cause: The data file node must be in online mode.
  - # *Action: Please change the data file node to online mode and retry.
- 0x1102D (69677) smERR_ABORT_MustBeTableSpaceOnlineMode The tablespace node must be in online mode (Name:<0%s>).
  - # *Cause: The tablespace node must be in online mode.
  - # *Action: Please change the data file node to online mode and retry.
- 0x1102E (69678) smERR_ABORT_MustBeTableSpaceOfflineMode The tablespace node must be in offline mode (Name:<0%s>).
  - # *Cause: The tablespace node must be in offline mode.
  - # *Action: Please change the data file node to offline mode and retry.
- 0x1102F (69679) smERR_ABORT_InvalidShrinkFileSize The used part of data file cannot be truncated (FID:<0%d>).
  - # *Cause: You cannot truncate the used part of data file.
  - # *Action: Please reset the value of resize correctly.
- 0x11030 (69680) smERR_ABORT_InvalidExtendFileSize The data file cannot be extended because the requested size is bigger than the maximum size (FID:<0%d>).
  - # *Cause: The value of resize(extend) is too big.
  - # *Action: Please reset the value of resize correctly.
- 0x11031 (69681) smERR_ABORT_NotEnoughTableSpaceID Unable to create a tablespace. (cur-

rent greatest tablespace ID : <0%d>)

- # *Cause: The number of tablespaces has reached to the maximum.
- # *Action: Please send a bug report to the vendor.

- 0x11032 (69682) smERR_ABORT_AlreadySetAutoExtendMode The attribute of AUTOEXTEND mode has already been set. (FID :<0%d>)

  - # *Cause: The attribute of AUTOEXTEND mode has already been set.
  - # *Action: No action.

- 0x11033 (69683) smERR_ABORT_forbiddenOpWhileBackup <0%s> cannot operate while tablespace is in the process of backup.

  - # *Cause: The tablespace is being backed up currently.
  - # *Action: Please wait until the process of tablespace backup finishes.

- 0x11034 (69684) smERR_ABORT_NotFoundDataFileNode Data file node not found (<0%s>)

  - # *Cause: The data file node is not found.
  - # *Action: Please reset the existent data file node and retry.

- 0x11035 (69685) smERR_ABORT_NotEnoughFreeSpace The tablespace does not have enough free space (TBS ID : <0%d>, TBS Name :<1%s>, Type : <2%d>, Used Page Limit : <3%ld>).

  - # *Cause: The tablespace does not have enough free space.
  - # *Action: Please add a new data file.

- 0x11036 (69686) smERR_ABORT_CannotRemoveDataFileNode The data file is in use.

  - # *Cause: The data file is in use.
  - # *Action: Please make sure that the tablespace is not a system tablespace..

- 0x11037 (69687) smERR_ABORT_CannotDropTableSpace Unable to drop system releated to tablespaces.

  - # *Cause: It is impossible to drop tablespaces whose types are either SYSTEM or UNDO or SYSTEM TEMP type.
  - # *Action: Please make sure that the tablespace is not a system tablespace.

- 0x11038 (69688) smERR_ABORT_CannotOfflineTableSpace Unable to change the tablespace to offline mode.

  - # *Cause: It is impossible to change tablespaces to offline mode because their types are either SYSTEM, UNDO or SYSTEM TEMP type.
  - # *Action: Please?make?sure?that?the?tablespace?is?not?a?system?tablespace

- 0x11039 (69689) smERR_ABORT_InvalidLogAnchorFile The log anchor file does not exist or it is not valid.

  - # *Cause: The log anchor file does not exist or it is not valid.
  - # *Action: Please send a bug report to the vendor.

- 0x1103C (69692) smERR_ABORT_PhaseOfTableSpaceOffline A tablespace can be changed to offline only at control phase.

  - # *Cause: A tablespace can be changed to offline only at control phase.
  - # *Action: Please shutdown and start up to control phase.

- 0x1103D (69693) smERR_ABORT_CannotOfflineDataFile A data file can be changed to offline only at control phase.

  - # *Cause: A data file can be changed to offline only at control phase.
  - # *Action: Please shutdown and start up to control phase.

- 0x1103E (69694) smERR_ABORT_MediaRecoDataFile <0%s> can only be allowed at control phase.

  - # *Cause: The user tried to execute ALTER DATABASE CREATE data file or rename file at service phase.
  - # *Action: Please shutdown and start up to control phase.

- 0x11041 (69697) smERR_ABORT_Aborted A deadlock situation has been detected.

  - # *Cause: A victim transaction is stopped and terminated due to the deadlock resolution scheme.
  - # *Action: The transaction is rolled back.

- 0x11044 (69700) smERR_ABORT_SequenceReachMaxValue Out of sequence upper bound

  - # *Cause: Out of sequence upper bound
  - # *Action: Please initialize the sequence.

- 0x11045 (69701) smERR_ABORT_SequenceReachMinValue Out of sequence lower bound

  - # *Cause: Out of sequence lower bound
  - # *Action: Please initialize the sequence.

- 0x11046 (69702) smERR_ABORT_SequenceNotInitialized The sequence is not initialized yet.

  - # *Cause: A trial to use a sequence that is not initialized yet
  - # *Action: Please initialize the sequence first.

- 0x11047 (69703) smERR_ABORT_NotDir Not a directory

  - # *Cause: The specified path is not a directory.
  - # *Action: Please specify the valid name of the directory.

- 0x11049 (69705) smERR_ABORT_TooManyPage Too many pages are allocated (Maximum Number of Pages=<0%ld>).

  - # *Cause: The number of page exceeds the maximum limit.
  - # *Action: The system failed to extend the database.
  - # Please refer to the SQL manual.

- 0x1104A (69706) smERR_ABORT_smiTraverseNotApplicable Unable to traverse

  - # *Cause: It is impossible to traverse
  - # *Action: Please make sure that the traverse is valid.

- 0x1104D (69709) smERR_ABORT_smiUpdateStatementExist An update statement already

exists.

- # *Cause: An update statement already exists.
- # *Action: Unable to use savepoint operation with update statement existing on one of parent statements.

- 0x1104E (69710) smERR_ABORT_smiStatementExist One or more statement exists.
  - # *Cause: One or more statement exists.
  - # *Action: A Transaction operation can be used only when no statement exists.
- 0x1104F (69711) smERR_ABORT_smiUpdateOverflow Too many update cursors on a transaction
  - # *Cause: The number of update cursors on a transaction exceeds the limitation.
  - # *Action: Please rollback the work of the transaction.
- 0x11051 (69713) smERR_ABORT_smiCursorOpened The cursor has already been opened.
  - # *Cause: The cursor has already been opened.
  - # *Action: Please open another cursor or do not open a cursor twice.
- 0x11053 (69715) smERR_ABORT_smiWriteNotApplicable The function is not allowed to be used in read-only mode.
  - # *Cause: The function is not allowed to be used in read-only mode.
  - # *Action: Please make sure that the function can be used in read-only mode.
- 0x11056 (69718) smERR_ABORT_smiTableNotLoaded The table is not in main memory.
  - # *Cause: The table is not in main memory.
  - # *Action: Please load the table into main memory.
- 0x11058 (69720) smERR_ABORT_smnUniqueViolation The row already exists in a unique index.
  - # *Cause: The row already exists in a unique index.
  - # *Action: Please rollback the statement.
- 0x11059 (69721) smERR_ABORT_smnNotFoundByIndexName Index type name not found
  - # *Cause: It is impossible to find the index type name
  - # *Action: Please rollback the statement.
- 0x1105A (69722) smERR_ABORT_smcFixedPageSizeError Fixed record size exceeds a page size.
  - # *Cause: A table is not allowed to be created because the size of a record exceeds a page.
  - # *Action: Please create a table whose record size is less than a page size.
- 0x1105B (69723) smERR_ABORT_smcVarColumnSizeError A variable column size exceeds the maximum size of a variable column.
  - # *Cause: A variable column is not allowed to be created to exceed the size of a page.
  - # *Action: Please reduce the size of the variable column less than a page size.

- 0x1105C (69724) smERR_ABORT_Too_Long_Var_Data A variable data size exceeds the maximum size of a variable item.
  - # *Cause: The size of a variable data exceeds the maximum size of a variable item.
  - # *Action: The data item cannot be inserted ot updated.
- 0x1105D (69725) smERR_ABORT_smiCantBeginUpdateStatement Unable to begin a new update statement.
  - # *Cause: Either the statement is read-only or more than one update child statement has been requested.
  - # *Action: Please make sure that the request to begin a new update statement is valid.
- 0x1105F (69727) smERR_ABORT_smiUpdateSameTable No more than one update cursor is allowed to be used on a table.
  - # *Cause: No more than one update cursor is allowed to be used on a table.
  - # *Action: Please rollback the statement.
- 0x11060 (69728) smERR_ABORT_Already_Locked The lock has already been acquired by another transaction.
  - # *Cause: The lock has already been acquired by another transaction.
  - # *Action: This situation occurs when a user executes a DDL, and a locked item has already been modified by another transaction.
- 0x11061 (69729) smERR_ABORT_Column_Mismatch Unable to alter the table because the information does not correspond to the definition of the column.
  - # *Cause: Information on the table(eg. Constraint) is not allowed to be modified because it is not on the specified column.
  - # *Action: Please retry with a correct column and modify information.
- 0x11062 (69730) smERR_ABORT_Index_Not_Found Unable to drop index because the index is not found on the database.
  - # *Cause: The index is not found on the database.
  - # *Action: Plase make sure that the index is correct.
- 0x11064 (69732) smERR_ABORT_Table_Not_Found The table is not found on the database.
  - # *Cause: Unable to find a table to drop
  - # *Action: Please make sure that the table is a correct one.
- 0x11065 (69733) smERR_ABORT_Maximum_Index_Count The number of indices on the table exceeds the limit(<0%d>)..
  - # *Cause: The number of indices on the table exceeds the limit.
  - # *Action: Please do not create indices more than the allowed number of indices on a table.
- 0x11066 (69734) smERR_ABORT_Invalid_ID_Value Invalid column ID
  - # *Cause: The column ID is inappropriate.
  - # *Action: Plase make sure that the column ID is correct, and create a table again.

- 0x11067 (69735) smERR_ABORT_Maximum_Column_count Too many columns on a table
  - # *Cause: Too many columns on a table
  - # *Action: Please remove columns in order to create a table.
- 0x11069 (69737) smERR_ABORT_INTERNAL_ARG Internal server error in the storage manager (<0%s>)
  - # *Cause: Internal server error
  - # *Action: Please send a bug report to the vendor.
- 0x1106D (69741) smERR_ABORT_No_More_Shm_Key Unable to find an available shared memory key.
  - # *Cause: No more shared memory keys are available.
  - # *Action: Please remove all the shared memory regions and try again.
- 0x11071 (69745) smERR_ABORT_smiNotRootStatement Statement should be the root of statement.
  - # *Cause: The statement is not the root of statement.
  - # *Action: Please abort the transaction.
- 0x11072 (69746) smERR_ABORT_smiInvalidCursorOpen Invalid cursor open
  - # *Cause: Invalid cursor open
  - # *Action: Please abort the transaction.
- 0x11073 (69747) smERR_ABORT_BackupFileOpen Unable to open a backup file [<0%s>].
  - # *Cause: The path of the file is invalid or the storage manager has no permission to open the file.
  - # *Action: Please drop the table.
- 0x11074 (69748) smERR_ABORT_InvalidBackupFile [<0%s>] is an invalid backup file of the table.
  - # *Cause: A The backup file of the table is invalid.
  - # *Action: Plese check the database version or backup file.
- 0x11075 (69749) smERR_ABORT_smcExceedLockTimeWait The transaction exceeds lock time-out specified by user.
  - # *Cause: The transaction failed to lock the object.
  - # *Action: Please abort the transaction.
- 0x11076 (69750) smERR_ABORT_NoExistFile File not found (<0%s>)
  - # *Cause: A db file or a log file does not exist.
  - # *Action: Please make sure that the path name and file name is correct.
- 0x11077 (69751) smERR_ABORT_NoExistPath Directory path not found (<0%s>).
  - # *Cause: The directory path does not exist.
  - # *Action: Please create the directory path.

- 0x11079 (69753) smERR_ABORT_BackupWrite Disk is full.
  - # *Cause: Disk is full.
  - # *Action: Please prepare enough disk space.
- 0x1107C (69756) smERR_ABORT_droped_Sequence The sequence has already been dropped.
  - # *Cause: The sequence has already been dropped.
  - # *Action: Please check whether the sequence exists.
- 0x1107D (69757) smERR_ABORT_BackupFileOperation The file I/O operation has failed during online backup.
  - # *Cause: The file cannot be neither created, open, nor closed.
  - # *Action: Please check file permission, access mode, and existence.
- 0x1107E (69758) smERR_ABORT_OnlineBackup Online backup failure
  - # *Cause: Online backup has been failed.
  - # *Action: Please send a bug report to the vendor.
- 0x11080 (69760) smERR_ABORT_CHECKPOINT_DISABLED Checkpoint is disabled.
  - # *Cause: The value of CHECKPOINT_ENABLED property is 0.
  - # *Action: Before checkpoint is executed, please set the value of CHECKPOINT_ENABLED property to 1.
- 0x11081 (69761) smERR_ABORT_INVALID_LOGGING_LEVEL_VALUE LOGGING_LEVEL must be between 0 and 2.
  - # *Cause: LOGGING_LEVEL is not between 0 and 2.
  - # *Action: Please make sure that the value of LOGGING_LEVEL is between 0 and 2.
- 0x11083 (69763) smERR_ABORT_PARALLEL_INDEX_BUILD The system failed to build an index.
  - # *Cause: The system failed to build an index.
  - # *Action: Plase check Altibase boot log.
- 0x11084 (69764) smERR_ABORT_DISABLED_INDEX The Index is disabled.
  - # *Cause: The Index is disabled.
  - # *Action: The Index is disabled.
- 0x11087 (69767) smERR_ABORT_ExceedMaxRows The limit of the maximum number of record count has been reached.
  - # *Cause: The number of records exceeds the maximum limit.
  - # *Action: Please increase the maximum number of records of the table.
- 0x11089 (69769) smERR_ABORT_INVALID_COLUMN_SIZE Invalid column size
  - # *Cause: The size of the column is invalid.
  - # *Action: Please check the size of column.
- 0x1108B (69771) smERR_ABORT_ArchiveLog Archive log file backup has been failed.

  - # *Cause: Archive Log File backup failure
  - # *Action: Please send a bug report to the vendor.

- 0x1108C (69772) smERR_ABORT_Invalid_MaxRows Invalid MAXROWS

  - # *Cause: The value of MAXROWS is invalid.
  - # *Action: Please check the value of MAXROWS.

- 0x1108E (69774) smERR_ABORT_NotFoundDataFileNodeByID Data file node not found (ID : <0%d>)

  - # *Cause: The data file node does not exist.
  - # *Action: Please check the data file.

- 0x1108F (69775) smERR_ABORT_CanStartARCH Archive thread can not be started in NO ARCHIVE mode

  - # *Cause: The user tried to start the archive thread in NO ARCHIVE mode.
  - # *Action: Please shutdown and start up to control phase and execute ALTER DATABASE ARCHIVELOG statement.

- 0x11090 (69776) smERR_ABORT_BackupDatafile The system failed to backup <0%s> <1%s> file.

  - # *Cause: An error occured while copying a memory region or a data file of a disk tablespace.
  - # *Action: Please check the disk.

- 0x11091 (69777) smERR_ABORT_DontNeedBackupTempTBS TEMP tablespace do not need backup.

  - # *Cause: The user has tried to backup TEMP tablespace.
  - # *Action: Please avoid to backup TEMP tablespace.

- 0x11092 (69778) smERR_ABORT_BackupLogAnchor The system failed to backup the log anchor file.

  - # *Cause: Invalid backup path or not enough disk space.
  - # *Action: Please try to backup the loganchor file using a valid backup directory.

- 0x11093 (69779) smERR_ABORT_WrongStartupPhase Wrong startup phase. Go up to a right startup phase.

  - # *Cause: Wrong startup phase. Go up to a right startup phase.
  - # *Action: Please go up to a right startup phase.

- 0x11094 (69780) smERR_ABORT_ErrArchiveLogMode Unable to execute in archive log mode.

  - # *Cause: It is impossible to execute in archivelog mode.
  - # *Action: Please check archive log mode.

- 0x11095 (69781) smERR_ABORT_NeedMediaRecovery Please start up to CONTROL phase and execute a complete media recovery.

  - # *Cause: The data file does not exist or it is not valid.

  - # *Action: Please run a complete media recovery in CONTROL phase.

- 0x11096 (69782) smERR_ABORT_NotFoundRecvDataFile This [<0%s>] does not proper to recover.

  - # *Cause: This file doesn't proper to recover.
  - # *Action: Please remove the file from the file list to recover.

- 0x11097 (69783) smERR_ABORT_BackupMemTBS The memory tablespace can be backed up not in tablespace level but in DB level.

  - # *Cause: The memory tablespace can be backed up not in tablespace level but in DB level.
  - # *Action: Please try to backup the memory tablespace in DB level.

- 0x11098 (69784) smERR_ABORT_BackupLogMode <0%s> cannot be executed in no archive log mode

  - # *Cause: A trial to backup tablespace or DB in no archive mode.
  - # *Action: Please shutdown DB and start up to CONTROL phase and execute ALTER DATABASE ARCHIVELOG statement.

- 0x11099 (69785) smERR_ABORT_UseFileInOtherTBS The file name [<0%s>] is in use by another tablespace.

  - # *Cause: The file name is in use by another tablespace.
  - # *Action: Please input other destination file name.

- 0x1109A (69786) smERR_ABORT_SelfCopy Unable to copy the file because source and destination is same.

  - # *Cause: The source and the destination file is same.
  - # *Action: Please choose another destination path.

- 0x1109B (69787) smERR_ABORT_NotSupport <0%s> is not supported yet.

  - # *Cause: A unsupported command was executed.
  - # *Action: No Action

- 0x1109D (69789) smERR_ABORT_WrongAddExtNumValue The number of extents that are appended to tablespace (<0%d>) is greater than the number of extents that are appended to segment.

  - # *Cause: ADD_EXTENT_NUM_FROM_TBS_TO_SEG * 2 > ADD_EXTENT_NUM_FROM_SYSTEM_TO_TBS
  - # *Action: Please keep following rule : ADD_EXTENT_NUM_FROM_TBS_TO_SEG * 2 <= ADD_EXTENT_NUM_FROM_SYSTEM_TO_TBS

- 0x1109E (69790) smERR_ABORT_ExtSizeTooBig The size of the extent is too large. (Requested : <0%d>, Maximum Extent Size of Altibase : <1%d>)

  - # *Cause: The extent size is greater than the maximum size of a extent.
  - # *Action : Please use smaller extent size.

- 0x1109F (69791) smERR_ABORT_NotExistDiskTBSDataFile The data file does not exist.

  - # *Cause: The data file does not exist.
  - # *Action: Please create the data file.

- 0x110A0 (69792) smERR_ABORT_WrongBufferSize The initial size of the buffer pool must be greater than maximum size of it.

  - # *Cause: BUFFER_POOL_SIZE > BUFFER_POOL_MAX_SIZE.
  - # *Action: Please increase the size of the buffer pool or decrease the maximum size of the buffer pool.

- 0x110A1 (69793) smERR_ABORT_InvalidFileHdr Invalid data file header {SID:<0%d> - FID:<1%d>}

  - # *Cause: Invalid data file header
  - # *Action: Please copy a valid data file to [MEM_DB_DIR]

- 0x110A2 (69794) smERR_ABORT_NeedResetLogs Incomplete media recovery need resetlogs.

  - # *Cause: Incomplete media recovery need resetlogs.
  - # *Action: startup meta phase with resetlogs.

- 0x110A3 (69795) smERR_ABORT_Exist_Active_TSS Active TSSs exist.

  - # *Cause: Because of active TSSs, UNDO table space cannot be reset.
  - # *Action: Please start up again and wait until the GC gap becomes 0. Then restart the server to meta phase, and try again.

- 0x110A4 (69796) smERR_ABORT_BACKUP_GOING Backup is in progress. Please wait until the current backup process completes.

  - # *Cause: Because the backup process is in progress, it is impossible to switch a logfile.
  - # *Action: Please wait until the current backup process completes.

- 0x110A5 (69797) smERR_ABORT_NotBeginBackup Tablespace : <0%d> is not in the progress of BACKUP.

  - # *Cause: The tablespace has not yet been started to be backed up.
  - # *Action: Please execute following statement first.
  - # ALTER TABLESPACE tablespacename BEGIN BACKUP

- 0x110A6 (69798) smERR_ABORT_NoActiveBeginBackup The backup processs is currently not in progress.

  - # *Cause: The backup processs is currently not in progress.
  - # *Action: Please execute following statement first.
  - # ALTER TABLESPACE tablespacename BEGIN BACKUP

- 0x110A8 (69800) smERR_ABORT_NoExecutePermFile No execution permission on the path [<0%s>].

  - # *Cause: There is no execution permission on the path.
  - # *Action: Please add execute permission to the path.

- 0x110A9 (69801) smERR_ABORT_AlreadyBeginBackup The backup state of the tablespace, <0%d> is already BEGIN state.

  - # *Cause: The backup state of the tablespace is already BEGIN state.
  - # *Action: Please alter the previously completed backup of the tablespace.

- 0x110AA (69802) smERR_ABORT_AlreadyExistTableSpaceName Duplicated tablespace names [<0%s>].

  - # *Cause: Duplicated tablespace names.
  - # *Action: Please check the tablespace names.

- 0x110AB (69803) smERR_ABORT_DisableChkptByBackup Checkpoint is disable until backup is completed.

  - # *Cause: Because, some tablespace is backup going.
  - # *Action: Please, wait until backup is completed.

- 0x110AC (69804) smERR_ABORT_TableLockUse X or S table lock is not allowed while TABLE_LOCK_ENABLE property is 0.

  - # *Cause: when TABLE_LOCK_ENABLE property is 0, user issue ddl command
  - # *Action: chanage TABLE_LOCK_ENABLE as 1.

- 0x110AD (69805) smERR_ABORT_ActiveTransExits alter system TABLE_LOCK_ENABLE can't updated when active transaction exit.

  - # *Cause: active transaction exists
  - # *Action: end all active transactions

- 0x110AE (69806) smERR_ABORT_smiCantRestartFixedTableCursor Unable to restart a fixed table cursor

  - # *Cause: A fixed table cursor is not allowed to be started.
  - # *Action: Please make sure that an fixed table cursor is not restarted.

- 0x110B1 (69809) smERR_ABORT_CantAllocTrans Unable to allocate nested transaction object

  - # *Cause: There is no free transaction object.
  - # *Action: wait until there is a room for free transaction object.

- 0x110B2 (69810) smERR_ABORT_InvalidDB Database information is invalid.

  - # *Cause: Database information is invalid.
  - # *Action: Please check the altibase_sm.log, and send a BUG report.

- 0x110BC (69820) smERR_ABORT_WaitLogFileOpen Unable to open log file<%s>.

  - # *Cause: The system failed to open file.
  - # *Action: Please send a bug report to the vendor.

- 0x110BD (69821) smERR_ABORT_WrongLogDirCount The number of LOG_DIR(<0%d>) is not LOG_FILE_GROUP_COUNT(<1%d>).

  - # *Cause: The number of LOG_DIR is different from LOG_FILE_GROUP_COUNT.
  - # *Action: Please check LOG_FILE_GROUP_COUNT and the number of LOG_DIR.

- 0x110BE (69822) smERR_ABORT_WrongArchiveDirCount The number of

ARCHIVE_DIR(<0%d>) is not LOG_FILE_GROUP_COUNT(<1%d>).

- # *Cause: The number of ARCHIVE_DIR is different from LOG_FILE_GROUP_COUNT.
- # *Action: Please check LOG_FILE_GROUP_COUNT and the number of ARCHIVE_DIR.

- 0x110C0 (69824) smERR_ABORT_WrongDirectIOPageSize The page size for Direct I/O should be exactly either 512, 1024, 2048, 4096, or 8192.

  - # *Cause: The DIRECT_IO_PAGE_SIZE is neither 512, 1024(1K), 2048(2K), 4096(4K), nor 8192(8K).
  - # *Action: Please Use only 512, 1024(1K), 2048(2K), 4096(4K), or 8192(8K) for DIRECT_IO_PAGE_SIZE property.

- 0x110C1 (69825) smERR_ABORT_NotFoundDataFile The data file containing page [<0%d>] does not exist. (Tablespace - ID : <1%d>, Type : <2%d>)

  - # *Cause: The data file does not exist.
  - # *Action: Please check if the data file has been removed.

- 0x110C2 (69826) smERR_ABORT_ART Error generated by Automatic Recovery Test(ART)

  - # *Cause: Ignore.
  - # *Action: Ignore.

- 0x110C4 (69828) smERR_ABORT_CannotSpanTransByLobLocator LobLocator can not span the transaction <0%d>.

  - # *Cause: the transaction pointed by Loblocator has been ended.
  - # *Action: nothing to do

- 0x110C5 (69829) smERR_ABORT_LobCursorClosed LobCursor already closed <0%d> ,<1%d> .

  - # *Cause: try to use lob cursor already closed.
  - # *Action: nothing to do

- 0x110C6 (69830) smERR_ABORT_CanNotModifyLob can not modify Lob using read-only Lob-Cursor .

  - # *Cause: try to modify lob using read-only Lob cursor.
  - # *Action: nothing to do

- 0x110C7 (69831) smERR_ABORT_MissMatchedLobTransID while copy lob, source lob <0%d> ,destionation lob <1%d> transaction id does not match .

  - # *Cause: try to modify lob using read-only Lob cursor.
  - # *Action: nothing to do

- 0x110C8 (69832) smERR_ABORT_overflowLobCursorID lob cursor id has been overflowed .

  - # *Cause: too many lob cursor opened.
  - # *Action: close lob cursor.

- 0x110C9 (69833) smERR_ABORT_PrePareWriteProtocol prepare to write lob protocol error.

  - # *Cause: before finish to write, another prepare to write to the lob.

  - # *Action: nothing to do.

- 0x110CA (69834) smERR_ABORT_FinishWriteProtocol finish to write lob protocol error.
  - # *Cause: before finish to write, it didn't prepare to write to the lob.
  - # *Action: nothing to do.

- 0x110CB (69835) smERR_ABORT_RangeError lob write range error.
  - # *Cause: lob operation range (<0%d> ~ <1%d>) is not in target range (<2%d> ~ <3%d>).
  - # *Action: nothing to do.

- 0x110CC (69836) smERR_ABORT_LobCursorTooOld lob cursor is too old.
  - # *Cause: because the other statement updated the same row, so this lob cursor was too old.
  - # *Action: reopen lob cursor.

- 0x110CD (69837) smERR_ABORT_InvalidLobStartOffset lob operation start offset <0%d> large than current lob length <1%d>
  - # *Cause: while prepare for writing, start offset > current lob length
  - # *Action: nothing to do.

- 0x110CE (69838) smERR_ABORT_InValidOldAnNewSize lob operation old size and new size are all zero
  - # *Cause: while prepare for writing, old size = 0 , new size =0 argument came
  - # *Action: nothing to do.

- 0x110CF (69839) smERR_ABORT_DmlInterrupt while executing lob api functions on a row,DML <0%s> has been executed on the row by same transaction.
  - # *Cause: while executing lob api functions on a row, delete or update statement has been executed on the row by same transaction
  - # *Action: do not mixed up lob api functions with DML statements .

- 0x110D0 (69840) smERR_ABORT_MaxLobErrorSize lob size is bigger than lob max size
  - # *Cause: lob size is bigger than lob max size
  - # *Action: make sure that lob size is correct.

- 0x110D1 (69841) smERR_ABORT_INVALIDE_LOB_CURSOR_MODE if table cursor is readonly, lob cursor have to be readonly.
  - # *Cause: Make sure that lob cursor is readonly.
  - # *Action: Please send a bug report to the vendor.

- 0x110D2 (69842) smERR_ABORT_CANCEL_COMMIT_BY_REPL Transaction's commit was canceled by replication conflict.
  - # *Cause: Replication conflict occurs in standby host.
  - # *Action: Execute rollback and Please check your application update logic.

- 0x110D7 (69847) smERR_ABORT_INVALID_STARTUP_PHASE_NOT_CONTROL <0%s> can only

be allowed at control phase.

- — # *Cause: The user tried to execute the statement which is allowed to be excuted only in CONTROL phase.
- — # *Action: Please shutdown and start up to CONTROL phase and try again.

- 0x110D8 (69848) smERR_ABORT_CPATH_NOT_EXIST The checkpoint path '<0%s>' does not exist.

  - — # *Cause: The user tried use a checkpoint path that does not exist.
  - — # *Action: Please make sure if the checkpoint path exists.

- 0x110D9 (69849) smERR_ABORT_CPATH_NO_READ_PERMISSION The checkpoint path '<0%s>' does not have READ permission.

  - — # *Cause: The user tried use a checkpoint path that does not have READ permission.
  - — # *Action: Please make sure if the checkpoint path has READ permission.

- 0x110DA (69850) smERR_ABORT_CPATH_NO_WRITE_PERMISSION The checkpoint path '<0%s>' does not have WRITE permission.

  - — # *Cause: The user tried use a checkpoint path that does not have WRITE permission.
  - — # *Action: Please make sure if the checkpoint path has WRITE permission.

- 0x110DB (69851) smERR_ABORT_CPATH_NO_EXEC_PERMISSION The checkpoint path '<0%s>' does not have EXECUTE permission.

  - — # *Cause: The user tried use a checkpoint path that does not have EXECUTE permission.
  - — # *Action: Please make sure if the checkpoint path has EXECUTE permission.

- 0x110DC (69852) smERR_ABORT_CPATH_NOT_A_DIRECTORY The checkpoint path '<0%s>' is not a directory.

  - — # *Cause: The user tried use a checkpoint path that is not a directory.
  - — # *Action: Please make sure if the checkpoint path is a directory.

- 0x110DD (69853) smERR_ABORT_CPATH_NODE_NOT_EXIST The checkpoint path node '<0%s>' does not exist.

  - — # *Cause: The user tried rename or drop a checkpoint path that does not exist.
  - — # *Action: Please make sure if the checkpoint path exists.

- 0x110DE (69854) smERR_ABORT_UNABLE_TO_DROP_LAST_CPATH Tablespace need at least a checkpoint path. Unable to drop the checkpoint path '<0%s>'.

  - — # *Cause: The user tried drop a checkpoint path that is the only checkpoint path in the tablespace.
  - — # *Action: Please rename checkpoint path instead of dropping it.

- 0x110DF (69855) smERR_ABORT_CPATH_ALREADY_EXISTS The checkpoint path node '<0%s>' already exists.

  - — # *Cause: The user tried add a checkpoint path that already exists.
  - — # *Action: Please make sure if the checkpoint path does not exist.

- 0x110E0 (69856) smERR_ABORT_ALTER_TBS_AUTOEXTEND_ALREADY_SET The attribute of AUTOEXTEND mode has already been set.
  - # *Cause: The attribute of AUTOEXTEND mode has already been set.
  - # *Action: No action.
- 0x110E1 (69857) smERR_ABORT_ALTER_TBS_NEXTSIZE_NOT_ALIGNED_TO_CHUNK_SIZE The NEXT attribute should be multiple of the expand chunk size (<0%lu>K)
  - # *Cause: The NEXT attribute should be multiple of the expand chunk size. The expand chunk size is calculated by EXPAND_CHUNK_PAGE_COUNT * PAGE_SIZE
  - # *Action: Please make sure that the NEXT size is aligned to EXPAND_CHUNK_PAGE_COUNT * PAGE_SIZE
- 0x110E2 (69858) smERR_ABORT_ALTER_TBS_MAXSIZE_LESSTHAN_CURRENT_SIZE The MAXSIZE attribute should be greater than or equal to the current size of the tablespace (<0%lu>K)
  - # *Cause: The MAXSIZE attribute is less than the current size of the tablespace.
  - # *Action: Please make sure that the MAXSIZE is greater than or equal to the current size of the tablespace.
- 0x110E3 (69859) smERR_ABORT_ALTER_TBS_AT_DROPPED_TBS Unable to alter a dropped tablespace
  - # *Cause: The tablespace is dropped.
  - # *Action: Please make sure that the tablespace exists.
- 0x110E4 (69860) smERR_ABORT_ALTER_TBS_AT_OFFLINE_TBS Unable to alter a offline tablespace
  - # *Cause: The tablespace is offline.
  - # *Action: Please make sure that the tablespace is online.
- 0x110E5 (69861) smERR_ABORT_INVALID_CIMAGE_HEADER Invalid Checkpoint Image Header {SID:<0%d> - PPID:<1%d> - FID:<2%d>}
  - # *Cause: Invalid Checkpoint Image header
  - # *Action: Please copy a valid Checkpoint Image to [MEM_DB_DIR]
- 0x110E6 (69862) smERR_ABORT_DefaultDBFileSizeNotAlignedToChunkSize The value of DEFAULT_MEM_DB_FILE_SIZE property should be multiple of expand chunk size (EXPAND_CHUNK_PAGE_COUNT * PAGE_SIZE(32K) = <0%lu>K)
  - # *Cause: The value of DEFAULT_MEM_DB_FILE_SIZE property is not aligned to expand chunk size
  - # *Action: Please make sure that the value of DEFAULT_MEM_DB_FILE_SIZE property is aligned to expand chunk size.
- 0x110E7 (69863) smERR_ABORT_CANNOT_ALTER_STATUS_OF_SYSTEM_TABLESPACE Unable to alter a system tablespace to OFFLINE/ONLINE.
  - # *Cause: It is impossible to alter the status of a system tablespace whose type is either SYSTEM or UNDO or SYSTEM TEMP type.
  - # *Action: Please make sure that the tablespace is not a system tablespace.

- 0x110E8 (69864) smERR_ABORT_CANNOT_ALTER_AUTOEXTEND_DICTIONARY_TABLESPACE Unable to alter AUTOEXTEND mode of the dictionary tablespace.
  - # *Cause: It is impossible to alter AUTOEXTEND mode of the dictionary tablespace.
  - # *Action: Please make sure that the tablespace is not the dictionary tablespace.
- 0x110E9 (69865) smERR_ABORT_ALTER_TBS_ONOFF_ALLOWED_ONLY_AT_META_SERVICE_PHASE ALTER TABLESPACE ONLINE/OFFLINE is allowed only at META/SERVICE phase.
  - # *Cause: It is impossible to alter the status of a tablespace at PROCESS or CONTROL phase.
  - # *Action: Please make sure that the current startup phase is either META or SERVICE.
- 0x110EA (69866) smERR_ABORT_SplitSizeNotAlignedToChunkSize The split size of memory checkpoint image file should be multiple of expand chunk size (EXPAND_CHUNK_PAGE_COUNT * PAGE_SIZE(32K) = <0%lu>K)
  - # *Cause: The split size of memory checkpoint image file is not aligned to expand chunk size
  - # *Action: Please make sure that The split size of memory checkpoint image file is aligned to expand chunk size.
- 0x110EB (69867) smERR_ABORT_INVALID_CIMAGE_FILESPEC_FORMAT Invalid Checkpoint Image Filespec Format '<0%s>'.
  - # *Cause: Invalid chkecpoint image Filespec format.
  - # *Action: Please check checkpoint image filespec format.
- 0x110EC (69868) smERR_ABORT_INPUT_UNSTABLE_CIMAGE The checkpoint image '<0%s>' is not stable.
  - # *Cause: The user tried input a checkpoint image that is not stable.
  - # *Action: Please check loganchor file and input a stable checkpoint image.
- 0x110ED (69869) smERR_ABORT_ERROR_MEDIA_RECOVERY_TYPE Please execute a in-complete media recovery in CONTROL phase or a restart recovery.
  - # *Cause: All the datafiles are valid.
  - # *Action: Please run normal restart.
- 0x110EE (69870) smERR_ABORT_TBSInitSizeNotAlignedToChunkSize The initial size of the tablespace should be multiple of expand chunk size (EXPAND_CHUNK_PAGE_COUNT * PAGE_SIZE(32K) = <0%lu>K)
  - # *Cause: The initial size of the tablespace is not aligned to expand chunk size
  - # *Action: Please make sure that the initial size of the tablespace is aligned to expand chunk size.
- 0x110EF (69871) smERR_ABORT_UNABLE_TO_EXTEND_CHUNK_WHEN_AUTO_EXTEND_OFF Unable to extend the tablespace(<0%s>) whose AUTOEXTEND mode is OFF
  - # *Cause: The user tried to extend the tablespace, even though the AUTOEXTEND mode of the tablespace is OFF.
  - # *Action: Please use ALTER TABLESPACE AUTOEXTEND ON statement to set AUTOEX-

TEND mode to ON

- 0x110F0 (69872) smERR_ABORT_UNABLE_TO_EXTEND_CHUNK_MORE_THAN_MEM_MAX_DB_SIZE Unable to extend the tablespace(<0%s>) because database becomes larger than MEM_MAX_DB_SIZE(<1%lu>K).

  — # *Cause: The user tried to extend the tablespace, but the size of database becomes larger than MEM_MAX_DB_SIZE.
  — # *Action: Please enlarge MEM_MAX_DB_SIZE or drop another tablespace.

- 0x110F1 (69873) smERR_ABORT_UNABLE_TO_EXTEND_CHUNK_MORE_THAN_TBS_MAXSIZE Unable to extend the tablespace(<0%s>) because the current size of tablespace(<1%lu>K) becomes larger than MAXSIZE(<2%lu>K) of the tablespace.

  — # *Cause: The user tried to extend the tablespace, but the size of tablespace exceeds MAXSIZE of the tablespace.
  — # *Action: Please use ALTER TABLESPACE AUTOEXTEND ON MAXSIZE statement to change MAXSIZE of the tablespace.

- 0x110F2 (69874) smERR_ABORT_OSFileSizeLimit_ERROR The maximum file size of OS(<0%lu>K) is less than the file size(<1%lu>K) specified by <2%s>.

  — # *Cause: The maximum file size of OS is less than the size specified by the user.
  — # *Action: Please decrease the file size or increase the limit of OS file size.

- 0x110F3 (69875) smERR_ABORT_PAGE_RANGE_ERROR Invalid Page Range. Valid Page Range = 1 ~ <0%d>.

  — # *Cause: The page range is invalid.
  — # *Action: Please specify page range in valid length.

- 0x110F4 (69876) smERR_ABORT_TABLESPACE_IS_ALREADY_ONLINE The tablespace is already in ONLINE mode

  — # *Cause: The user tried to execute ALTER TABLESPACE ONLINE on a tablespace that is already in ONLINE mode
  — # *Action: Please make sure if the table space is not in ONLINE mode.

- 0x110F5 (69877) smERR_ABORT_TABLESPACE_IS_ALREADY_OFFLINE The tablespace is already in OFFLINE mode

  — # *Cause: The user tried to execute ALTER TABLESPACE ONLINE on a tablespace that is already in OFFLINE mode
  — # *Action: Please make sure if the table space is not in OFFLINE mode.

- 0x110F6 (69878) smERR_ABORT_SDNB_DUMP_EMPTY_OBJECT Empty dump object.

  — # *Cause: You do not specify a dump object on the dump table;
  — # *Action: Please make sure to set a dump object on the dump table.

- 0x110F7 (69879) smERR_ABORT_CannotOnlineTableSpace Unable to change the tablespace to online mode.

  — # *Cause: It is impossible to change tablespaces to online mode because their types are

either SYSTEM, UNDO or SYSTEM_TEMP type.

- — # *Action: Please make sure that the tablespace is not a system tablespace.

- 0x110F8 (69880) smERR_ABORT_CannotDiscardTableSpace Unable to change the tablespace to discard mode.
  - — # *Cause: It is impossible to change tablespaces to discard mode because their types are either SYSTEM, UNDO or SYSTEM TEMP type.
  - — # *Action: Please make sure that the tablespace is not a system tablespace.
- 0x110F9 (69881) smERR_ABORT_MEDIA_RECOVERY_IS_NOT_SUPPORT_SHARED_MEMORY Media Recovery is not support shared memory version.
  - — # *Cause: alter database recover database is not support shared memory version.
  - — # *Action: Please make sure that the SHM_DB_KEY property set zero.
- 0x110FA (69882) smERR_ABORT_CannotAllocLogBufferMemory Cannot allocate memory for volatile log buffer.
  - — # *Cause: Insufficient memory.
  - — # *Action: Retry statement with autocommit mode.
- 0x110FB (69883) smERR_ABORT_UNABLE_TO_USE_OFFLINE_TBS Unable to use a offline tablespace. (NAME=<0%s>)
  - — # *Cause: The user has tried to use an offline tablespace.
  - — # *Action: Please execute ALTER TABLESPACE ONLINE statement.
- 0x110FC (69884) smERR_ABORT_UNABLE_TO_USE_DISCARDED_TBS Unable to use a discarded tablespace. (NAME=<0%s>)
  - — # *Cause: The user has tried to use a discarded tablespace.
  - — # *Action: Please execute DROP TABLESPACE statement and recreate the tablespace.
- 0x110FD (69885) smERR_ABORT_TBS_ALREADY_DISCARDED The tablespace is already discarded.
  - — # *Cause: The user has tried to discard a tablespace that is already discarded.
  - — # *Action: Please execute DROP TABLESPACE statement and recreate the tablespace.
- 0x110FE (69886) smERR_ABORT_AUTOEXT_ON_UNALLOWED_FOR_USED_UP_FILE Used-up data file's autoextend attribute cannot be altered on.
  - — # *Cause: The user has tried to alter used-up data file's autoextend attribute on.
  - — # *Action: Please input now-in-use or unused data file.
- 0x110FF (69887) smERR_ABORT_StmtMaxDepthLevel Statemnt's depth level reached max level.
  - — # *Cause: The depth of statement is more than 255.
  - — # *Action: Check if statment depth is too large.
- 0x11100 (69888) smERR_ABORT_UNABLE_TO_EXTEND_CHUNK_MORE_THAN_VOLATILE_MAX_DB_SIZE Unable to extend the tablespace(<0%s>) because database becomes larger than

VOLATILE_MAX_DB_SIZE(<1%lu>K).

  - # *Cause: The user tried to extend the tablespace, but the size of database becomes larger than VOLATILE_MAX_DB_SIZE.
  - # *Action: Please enlarge VOLATILE_MAX_DB_SIZE or drop another tablespace.

- 0x11101 (69889) smERR_ABORT_UNABLE_TO_BACKUP_FOR_VOLATILE_TABLESPACE Unable to backup a volatile tablespace.

  - # *Cause: The user tried to backup the volatile tablespace.
  - # *Action: Need not to backup the volatile tablespace.

- 0x11102 (69890) smERR_ABORT_UNABLE_TO_ALTER_ONLINE_CUZ_MEM_MAX_DB_SIZE Unable to alter the tablespace(NAME=<0%s>, SIZE=<1%lu>K) to ONLINE because database becomes larger than MEM_MAX_DB_SIZE(<2%lu>K). (Current Database Size = <3%lu>K)

  - # *Cause: The user tried to alter the tablespace online, but the size of database becomes larger than MEM_MAX_DB_SIZE.
  - # *Action: Please enlarge MEM_MAX_DB_SIZE or alter offline another tablespace.

- 0x11103 (69891) smERR_ABORT_UNABLE_TO_CREATE_CUZ_MEM_MAX_DB_SIZE Unable to create the tablespace(NAME=<0%s>, SIZE=<1%lu>K) because database becomes larger than MEM_MAX_DB_SIZE(<2%lu>K). (Current Database Size = <3%lu>K)

  - # *Cause: The user tried to alter the tablespace online, but the size of database becomes larger than MEM_MAX_DB_SIZE.
  - # *Action: Please enlarge MEM_MAX_DB_SIZE or alter offline another tablespace.

- 0x11104 (69892) smERR_ABORT_FileNameIsNullString The length of filename is zero.

  - # *Cause: Filename is null string.
  - # *Action: Please input filename to create.

- 0x11105 (69893) smERR_ABORT_InvalidExtendFileSizeOSLimit The data file cannot be extended because the requested size is bigger than the OS file limit size(<0%d> pages).

  - # *Cause: The value of resize(extend) is too big.
  - # *Action: Please reset the value of resize correctly.

- 0x11106 (69894) smERR_ABORT_InvalidDatafileToResize Cannot resize the datafile already filled with data.

  - # *Cause: The datafile to resize is already filled with data.
  - # *Action: Retry to resize for another datafile.

- 0x11107 (69895) smERR_ABORT_UNABLE_TO_CREATE_CUZ_VOL_MAX_DB_SIZE Unable to create the tablespace(NAME=<0%s>, SIZE=<1%lu>K) because database becomes larger than VOLATILE_MAX_DB_SIZE(<2%lu>K). (Current Total Volatile Tablespace Size = <3%lu>K)

  - # *Cause: The user tried to create the tablespace, but the total size of volatile tablespace becomes larger than VOLATILE_MAX_DB_SIZE.
  - # *Action: Please enlarge VOLATILE_MAX_DB_SIZE or drop another volatile tablespace.

- 0x11109 (69897) smERR_ABORT_MAX_AGER_COUNT_LT_MIN_AGER_COUNT MAX_LOGICAL_AGER_COUNT property is less than MIN_LOGICAL_AGER_COUNT property. (

MAX_LOGICAL_AGER_COUNT=<0%d>, MIN_LOGICAL_AGER_COUNT=<1%d>)

- — # *Cause: The user has specified the maximum number of logical agers less than the minimum number of logical agers.
- — # *Action: Please make sure that MAX_LOGICAL_AGER_COUNT has a value greater than or equal to MIN_LOGICAL_AGER_COUNT

- 0x1110A (69898) smERR_ABORT_AGER_COUNT_OUT_OF_MAX_COUNT LOGICAL_AGER_COUNT property is greater than MAX_LOGICAL_AGER_COUNT property. (LOGICAL_AGER_COUNT=<0%d>, MAX_LOGICAL_AGER_COUNT=<1%d>)

  - — # *Cause: LOGICAL_AGER_COUNT property is greater than MAX_LOGICAL_AGER_COUNT property.
  - — # *Action: Please make sure LOGICAL_AGER_COUNT property is less than or equal to MAX_LOGICAL_AGER_COUNT property.

- 0x1110B (69899) smERR_ABORT_AGER_COUNT_OUT_OF_MIN_COUNT LOGICAL_AGER_COUNT property is less than MIN_LOGICAL_AGER_COUNT property. (LOGICAL_AGER_COUNT=<0%d>, MIN_LOGICAL_AGER_COUNT=<1%d>)

  - — # *Cause: LOGICAL_AGER_COUNT property is less than MIN_LOGICAL_AGER_COUNT property.
  - — # *Action: Please make sure LOGICAL_AGER_COUNT property is greater than or equal to MIN_LOGICAL_AGER_COUNT property.

- 0x1110D (69901) smERR_ABORT_NOT_NULL_VIOLATION Unable to add NOT NULL constraint to the specified column because it already has null values

  - — # *Cause: The column already has NOT NULL constraint.
  - — # *Action: Please check the column specification.

- 0x1110E (69902) smERR_ABORT_DISK_AGER_COUNT_OUT_OF_MAX_COUNT DISK_GC_THREAD_COUNT or DISK_DELETE_THREAD_COUNT property is greater than MAX_DISK_AGER_THREAD_COUNT property. (DISK_GC_THREAD_COUNT or DISK_DELETE_THREAD_COUNT=<0%d>, MAX_DISK_AGER_THREAD_COUNT=<1%d>)

  - — # *Cause: DISK_GC_THREAD_COUNT or DISK_GC_THREAD_COUNT property is greater than MAX_DISK_AGER_THREAD_COUNT property.
  - — # *Action: Please make sure DISK_GC_THREAD_COUNT or DISK_DELETE_THREAD_COUNT property is less than or equal to MAX_DISK_AGER_THREAD_COUNT property.

- 0x1110F (69903) smERR_ABORT_DISK_AGER_COUNT_OUT_OF_MIN_COUNT DISK_GC_THREAD_COUNT or DISK_DELETE_THREAD_COUNT property is less than MIN_DISK_AGER_THREAD_COUNT property. (DISK_GC_THREAD_COUNT or DISK_DELETE_THREAD_COUNT=<0%d>, MIN_DISK_AGER_THREAD_COUNT=<1%d>)

  - — # *Cause: DISK_GC_THREAD_COUNT or DISK_DELETE_THREAD_COUNT property is less than MIN_DISK_AGER_THREAD_COUNT property.
  - — # *Action: Please make sure DISK_GC_THREAD_COUNT or DISK_DELETE_THREAD property is greater than or equal to MIN_DISK_AGER_THRAED_COUNT property.

- 0x11110 (69904) smERR_ABORT_INCONSISTENT_INDEX The index is inconsistent

  - — # *Cause: The index is inconsistent.

  - # *Action: Please check index consistency and rebuild the inconsistent index.

- 0x11113 (69907) smERR_ABORT_Invalid_Datafile_Header The data file '<0%s>' has the invalid header. (CREATE_LSN check fails)

  - # *Cause: The data file creation LSN is mismatched with the one of log anchor file.
  - # *Action: Verify the data file.

- 0x11114 (69908) smERR_ABORT_TOO_MANY_UPDATE_LOG The update log size '<0%lu>' is bigger than TRX_UPDTAE_MAX_LOGSIZE '<1%lu>'

  - # *Cause: The update log size '<%lu>' is bigger than TRX_UPDTAE_MAX_LOGSIZE '<%lu>'
  - # *Action: Make sure that TRX_UPDTAE_MAX_LOGSIZE is too small.
  - # Server Internal Message

SM IGNORE

- 0x12007 (73735) smERR_IGNORE_SyncFail Failed to invoke a system function, msync()

  - # *Cause: The system failed to synchronize a file with mapped memory.
  - # *Action: Please ignore this error message.

SM RETRY

- 0x1304C(77900) smERR_RETRY_Already_Modified A record has already been updated.

  - # *Cause: Another transaction has already updated the same record.
  - # *Action: Internal use of SM module only

- 0x13055(77909) smERR_REBUILD_smiTableModified The table structure has been modified.

  - # *Cause: The table structure has been modified.
  - # *Action: Please build the query again.

- 0x13111 (78097) smERR_REBUILD_smiTBSModified The Tablespace structure has been modified

  - # *Cause: The tablespace has been dropped.
  - # *Action: Please build the query again.

MT Error Code

MT FATAL

- 0x20001 (131073) mtERR_FATAL_NOT_APPLICABLE Not applicable
  - # *Cause: Not applicable
  - # *Action: Please send a bug report to the vendor.
- 0x20003 (131075) mtERR_FATAL_MEMORY_SHORTAGE Out of memory
  - # *Cause: Out of memory
  - # *Action: Please make sure that the system has sufficient memory.
- 0x20004 (131076) mtERR_FATAL_CONVERSION_COLLISION Two or more conversions<0%s> are defined for two data types.
  - # *Cause: Two or more conversions are defined for two data types.
  - # *Action: Please send a bug report to the vendor.
- 0x20005 (131077) mtERR_FATAL_INCOMPATIBLE_TYPE Incompatible data type<0%s>.
  - # *Cause: Incompatible data type
  - # *Action: Please check the compatibility between data types.
- 0x20006 (131078) mtERR_FATAL_COLUMN_EXCEED Column exceed.
  - # *Cause: Column exceed.
  - # *Action: Please send a bug report to the vendor.

MT ABORT

- 0x21002 (135170) mtERR_ABORT_NOT_APPLICABLE Not applicable
  - # *Cause: Not applicable
  - # *Action: Please send a bug report to the vendor.
- 0x21007 (135175) mtERR_ABORT_LANGUAGE_MODULE_NOT_FOUND Language module<0%s> not found.
  - # *Cause: The language module is not found.
  - # *Action: Please check the language.
- 0x21008 (135176) mtERR_ABORT_DATATYPE_MODULE_NOT_FOUND Data type module<0%s> not found.
  - # *Cause: The data type module is not found.
  - # *Action: Please check the data type.
- 0x21009 (135177) mtERR_ABORT_CONVERSION_MODULE_NOT_FOUND Conversion module<0%s> not found.

  - # *Cause: The conversion module is not found.
  - # *Action: Please check the compatibility between data types.

- 0x2100A (135178) mtERR_ABORT_FUNCTION_MODULE_NOT_FOUND Function module<0%s> not found.

  - # *Cause: The function module is not found.
  - # *Action: Please use a correct function name.

- 0x2100B (135179) mtERR_ABORT_INVALID_FUNCTION_ARGUMENT Invalid number of arguments on a function.

  - # *Cause: The number of arguments on the function is invalid.
  - # *Action: Please check the number of arguments on the function.

- 0x2100C (135180) mtERR_ABORT_CONVERSION_NOT_APPLICABLE Conversion not applicable.

  - # *Cause: The conversion is not applicable.
  - # *Action: Please check the compatibility between data types.

- 0x2100D (135181) mtERR_ABORT_INVALID_LENGTH Invalid length of the data type

  - # *Cause: Invalid length of the data type
  - # *Action: Please check the length of the data type.

- 0x2100E (135182) mtERR_ABORT_INVALID_PRECISION Invalid precision of the data type

  - # *Cause: Invalid precision of the data type
  - # *Action: Please check the precision of the data type.

- 0x2100F (135183) mtERR_ABORT_INVALID_SCALE Invalid scale of the data type

  - # *Cause: Invalid scale of the data type
  - # *Action: Please check the scale of the data type.

- 0x21010 (135184) mtERR_ABORT_VALUE_OVERFLOW Value overflow

  - # *Cause: Value overflow
  - # *Action: Please change the value or data type.

- 0x21011 (135185) mtERR_ABORT_INVALID_LITERAL Invalid literal

  - # *Cause: Invalid literal
  - # *Action: Please check the constant of the data type.

- 0x21013 (135187) mtERR_ABORT_STACK_OVERFLOW Calculation stack overflow

  - # *Cause: Calculation stack overflow
  - # *Action: Please alter the calculation stack size using ALTER SESSION statement.

- 0x21014 (135188) mtERR_ABORT_NOT_AGGREGATION The function is not an aggregate function.

  - # *Cause: The function is not an aggregate function.
  - # *Action: Please remove ALL or DISTINCT keyword.

- 0x21016 (135190) mtERR_ABORT_DIVIDE_BY_ZERO Divide by zero
  - # *Cause: Divide by zero
  - # *Action: Please check if there is any chance to divide a number by zero.
- 0x21017 (135191) mtERR_ABORT_ARGUMENT_NOT_APPLICABLE The argument is not applicable.
  - # *Cause: The argument is not applicable to the function.
  - # *Action: Please change the argument to be in valid range.
- 0x21018 (135192) mtERR_ABORT_NOT_SUPPORTED_OBJECT_TYPE The specified object type is currently not supported.
  - # *Cause: Unsupported object type
  - # *Action: For geometry types, only POINT type is supported currently.
- 0x21019 (135193) mtERR_ABORT_OBJECT_TYPE_NOT_APPLICABLE Not applicable object type
  - # *Cause: The specified object type is not applicable to the function.
  - # *Action: Please check the type of the object.
- 0x2101A (135194) mtERR_ABORT_INVALID_WKT Parsing error of well-known-text
  - # *Cause: The specified well-known-text is not correct.
  - # *Action: Please check the well-known-text.
- 0x2101B (135195) mtERR_ABORT_TO_CHAR_MAX_PRECISION The value exceeds the maximum precision size (<0%d>) of the format.
  - # *Cause: Exceed to maximum precision size of format.
  - # *Action: Please check the size of format string.
- 0x2101C (135196) mtERR_ABORT_VALIDATE_INVALID_VALUE Invalid data value
  - # *Cause: The value of the data is out of logical value scope.
  - # *Action: Please check the data value.
- 0x2101D (135197) mtERR_ABORT_VALIDATE_INVALID_LENGTH Invalid data length
  - # *Cause: The length of the data is out of valid scope.
  - # *Action: Please check the length of the data.
- 0x2101E (135198) mtERR_ABORT_CODING_INVALID_FMT Invalid coding format
  - # *Cause: The compiled coding format is not valid.
  - # *Action: Please check the compiled format.
- 0x2101F (135199) mtERR_ABORT_CODING_DATA_FMT_MISMATCH Mismatched data and format
  - # *Cause: The data string mismatches the specified format.
  - # *Action: Please check the data string.
- 0x21020 (135200) mtERR_ABORT_INVALID_LITERAL_AFTER_ESCAPE Missing or invalid literal

following the escape character

  - # *Cause: It must be either '%' or '_' that follows the escape character.
  - # *Action: Please check the LIKE predicate.

- 0x21021 (135201) mtERR_ABORT_INVALID_ESCAPE Invalid escape literal

  - # *Cause: The length of the escape is greater than one.
  - # The escape literal is invalid.
  - # *Action: Please check the escape character of the LIKE predicate.

- 0x21022 (135202) mtERR_ABORT_INVALID_DATE = Invalid date literal

  - # *Cause: The character to be converted to a date type is invalid.
  - # *Action: Please check the arguments on the date conversion function.

- 0x21023 (135203) mtERR_ABORT_INVALID_YEAR = Year is invalid or out of range.

  - # *Cause: The year part of the date literal is invalid or out of range.
  - # *Action: Please check the arguments on the date conversion function.

- 0x21024 (135204) mtERR_ABORT_INVALID_MONTH = Month must be between 1 and 12.

  - # *Cause: The month part of the date literal is invalid or out of range.
  - # *Action: Please check the arguments on the date conversion function.

- 0x21025 (135205) mtERR_ABORT_INVALID_DAY = Invalid day of month

  - # *Cause: The day part of the date literal is invalid or out of range.
  - # *Action: Please check the arguments on the date conversion function.

- 0x21026 (135206) mtERR_ABORT_INVALID_HOUR = Hour must be between 1 and 12.

  - # *Cause: An invalid hour was specified for a date using the 12-hour time format.
  - # *Action: Please enter an hour value between 1 and 12.

- 0x21027 (135207) mtERR_ABORT_INVALID_MINUTE = Minutes must be between 0 and 59.

  - # *Cause: The minute part of the date literal is invalid or out of range.
  - # *Action: Please check the arguments on the date conversion function.

- 0x21028 (135208) mtERR_ABORT_INVALID_SECOND = Seconds must be between 0 and 59.

  - # *Cause: The second part of the date literal is invalid or out of range.
  - # *Action: Please check the arguments on the date conversion function.

- 0x21029 (135209) mtERR_ABORT_INVALID_MICROSECOND = Microsecond must be between 0 and 999999.

  - # *Cause: The microsecond part of the date literal is invalid or out of range.
  - # *Action: Please check the arguments on the date conversion function.

- 0x2102A (135210) mtERR_ABORT_NOT_SUPPORTED_YET Not supported yet.

  - # *Cause: The digest algorithm is not supported yet.

- — # *Action: Please contect the manager.

- 0x2102B (135211) mtERR_ABORT_INVALID_DIGEST_ALGORITHM Invalid digest algorithm.
  - — # *Cause: The digest algorithm name is unknown.
  - — # *Action: Please check the second argument on the digest function.

- 0x2102C (135212) mtERR_ABORT_ARGUMENT_VALUE_OUT_OF_RANGE The argument '<0%d>' is out of range.
  - — # *Cause: The argument value is out of range.
  - — # *Action: Please check the argument value.

- 0x2102D (135213) mtERR_ABORT_DATEDIFF_OUT_OF_RANGE_IN_SECOND The interval between startdate and enddate exceeded 68 years.
  - — # *Cause: If date fileld name is 'SECOND', the interval of startdate and enddate must be less than 68 years.
  - — # *Action: Please check the value of startdate and enddate.

- 0x2102E (135214) mtERR_ABORT_DATEDIFF_OUT_OF_RANGE_IN_MICROSECOND The interval between startdate and enddate exceeded 30 days.
  - — # *Cause: If date fileld name is 'MICROSECOND', the interval of startdate and enddate must be less than 30 days.
  - — # *Action: Please check the value of startdate and enddate.

- 0x2102F (135215) mtERR_ABORT_INVALID_SIZE_OF_SECOND_AND_MICROSECOND The values of SSSSSSSS must be a number of eight ciphers.
  - — # *Cause: The values of SSSSSSSS is smaller than eight ciphers.
  - — # *Action: Please check the value of SSSSSSSS.

- 0x21030 (135216) mtERR_ABORT_INVALID_CHARACTER Invalid character in use.
  - — # *Cause: An invalid character is being used.
  - — # *Action: Please make sure that every character on the input string is a valid character.

- 0x21031 (135217) mtERR_ABORT_CONVERSION_DISABLE Unable to convert the data type.
  - — # *Cause: Unable to convert the data type.
  - — # *Action: Please send a bug report to the vendor.

- 0x21032 (135218) mtERR_ABORT_DATE_NOT_ENOUGH_INPUT = Input literal is not long enough for date format.
  - — # *Cause: The data to be converted to date format was incomplete; the date format picture was longer than the input data.
  - — # *Action: Either add more input or shorten the date picture format, then retry the operation.

- 0x21033 (135219) mtERR_ABORT_DATE_NOT_ENOUGH_FORMAT = Date format picture ends before converting entire input string.
  - — # *Cause: The first part of the format picture was converted into a valid date, but the remaining data was not required.

  - # *Action: Please check the specifications for date format pictures and correct the statement.

- 0x21034 (135220) mtERR_ABORT_DATE_INVALID_HOUR24 = Hour must be between 0 and 23.
  - # *Cause: An invalid hour was specified for a date.
  - # *Action: Please enter an hour value between 0 and 23.

- 0x21035 (135221) mtERR_ABORT_DATE_INVALID_DAY_OF_YEAR = Day of year must be between 1 and 365 (366 for leap year).
  - # *Cause: An invalid day of the year was specified in a date. Day of the year (DDD) must be between 1 and 365 for a non-leap year or 1 and 366 for a leap year.
  - # *Action: Please enter a day of the year value between 1 and 365 (or 366).

- 0x21036 (135222) mtERR_ABORT_DATE_INVALID_SEC_IN_DAY = Seconds in day must be between 0 and 86399.
  - # *Cause: An invalid value for seconds in the day was specified in a date.
  - # *Action: Please specify a seconds value between 0 and 86399.

- 0x21037 (135223) mtERR_ABORT_DATE_CONFLICT_FORMAT = The same (purpose) format element(s) is(are) used twice or more.
  - # *Cause: the same (purpose) format element listed twice in a date specification.
  - # *Action: Please check format code.

- 0x21038 (135224) mtERR_ABORT_DATE_LITERAL_MISMATCH = Literals in the input do not match format string.
  - # *Cause: Literals in the input must be the same length as literals in the format string (with the exception of leading whitespace). If the "FX" modifier has been toggled on, the literal must match exactly, with no extra whitespace.
  - # *Action: Please correct the format string to match the literal.

- 0x21039 (135225) mtERR_ABORT_DATE_NOT_RECOGNIZED_FORMAT = Date format (<0%s>) is not recognized.
  - # *Cause: A date specification contained an invalid format code.
  - # *Action: Please check that only valid date format codes are specified.

- 0x2103a (135226) mtERR_ABORT_DATE_NON_NUMERIC_INPUT = A non-numeric character was found where a numeric was expected.
  - # *Cause: The input data to be converted using a date format model was incorrect. The input data did not contain a number where a number was required by the format model.
  - # *Action: Fix the input data or the date format model to make sure the elements match in number and type. Then retry the operation.

- 0x2103b (135227) mtERR_ABORT_DATE_SSSSS_CONFLICT_SS = Seconds of minute conflicts with seconds in day.
  - # *Cause: A date specification contained both seconds of the minute and seconds in the day but the values did not correspond. If both types of seconds are specified, the seconds of the minute value (SS) must be the second in which the seconds past midnight

value (SSSSS) will fall.

— # *Action: Remove the seconds of the minute value from the date specification or enter a value that corresponds to the given seconds in the day.

- 0x2103c (135228) mtERR_ABORT_DATE_SSSSS_CONFLICT_MI = Minutes of hour conflicts with seconds in day.

  — # *Cause: A date specification contained both minutes of the hour and seconds in the day but the values did not correspond. If both minutes in the hour (MI) and seconds past midnight (SSSSS) are specified, the minutes value must be the minute in which the seconds value will occur.

  — # *Action: Remove the minutes value from the date specification or enter the correct minute value for the specified seconds value.

- 0x2103d (135229) mtERR_ABORT_DATE_SSSSS_CONFLICT_HH = Hour conflicts with seconds in day.

  — # *Cause: The wrong hour was specified with seconds in the day. If an hour is specified with seconds past midnight (SSSSS), it must be the hour in which the seconds value falls.

  — # *Action: Remove the hour value from the date specification or specify the correct hour for the seconds past midnight.

- 0x2103e (135230) mtERR_ABORT_DATE_DDD_CONFLICT_DD = Day of month conflicts with day of year.

  — # *Cause: A date was specified with the day of the month, but the month day did not correspond to the date. If the day of the month is specified with a date, it must be the same day of the month as the date.

  — # *Action: Remove the day of the month value from the date specification or enter the correct day of the month for the date.

- 0x2103f (135231) mtERR_ABORT_DATE_DDD_CONFLICT_MM = Month conflicts with day of year.

  — # *Cause: The wrong month was specified with a date. If a month is specified with a date, it must be the month in which the date occurs.

  — # *Action: Remove the month value from the date specification or enter the correct month for the date.

- 0x21040 (135232) mtERR_ABORT_DATE_DAY_CONFLICT = Day of week conflicts with date.

  — # *Cause: A date was specified with the day of the week, but the weekday did not correspond to the date. If the day of the week is specified with a date, it must be the same day of the week as the date.

  — # *Action: Remove the day of the week value from the date specification or enter the correct day of the week for the date.

MT IGNORE

- 0x22000 (139264) mtERR_IGNORE_NOERROR Please ignore this message.

  — # *Cause: This is not an error.

  — # *Action: Please ignore this message.

RP Error Code

RP FATAL

- 0x60002 (393218) rpERR_FATAL_RP_MEMORY_ALLOCATION Unable to allocate memory
  - # *Cause:
  - # - The system failed to allocate memory
  - # *Action:
  - # - Please make sure that sufficient amount of memory is available.
- 0x60005 (393221) rpERR_FATAL_RP_CREATE_TEMPINFO Internal error
  - # *Cause:
  - # - Internal error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x60006 (393222) rpERR_FATAL_RP_SENDER_INVALID_OPTION Internal error
  - # *Cause:
  - # - Internal error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x60066 (393318) rpERR_FATAL_RP_MANAGER_INTERNAL_ARG Fatal internal server error of replication manager. (<0%s>)
  - # *Cause:
  - # - Program Error
  - # *Action
  - # - Please send bug a report to the vendor.
- 0x60067 (393319) rpERR_FATAL_RP_RECEIVER_INTERNAL_ARG Fatal internal server error of replication receiver. (<0%s>)
  - # *Cause:
  - # - Program Error
  - # *Action
  - # - Please send bug a report to the vendor.
- 0x60071 (393329) rpERR_FATAL_ThrCondInit Failed to invoke a system function, cond_init()
  - # *Cause: The system failed to invoke cond_init() function.
  - # *Action: Please send a bug report to the vendor.
- 0x60072 (393330) rpERR_FATAL_ThrCondSignal Failed to invoke a system function, cond_signal(). errno is (<0%d>).
  - # *Cause: The system failed to invoke cond_signal() function.
  - # *Action:

  - # - Refer to errno for the exact cause of error. Please send a bug report to the vendor.

- 0x60073 (393331) rpERR_FATAL_ThrCondDestroy Failed to invoke a system function, cond_destroy()

  - # *Cause: Use of invalid condition value
  - # *Action: Please send a bug report to the vendor.

- 0x60074 (393332) rpERR_FATAL_ThrJoin Failed to invoke a system function, pthread_join()

  - # *Cause: The system failed to join a thread
  - # *Action: Please send a bug report to the vendor.

- 0x600A2 (393378) rpERR_FATAL_ThrCondBroadcast Failed to invoke a system function, cond_broadcast(), errno is (<0%d>).

  - # *Cause:
  - # - The system failed to invoke cond_broadcast() function.
  - # *Action:
  - # - Please send a bug report to the vendor.

RP ABORT

- 0x61000 (397312) rpERR_ABORT_RP_RECEIVER_NOT_FOUND_TUPLE The received record is not found in the database.

  - # *Cause:
  - # - Unable to find the received record in the database.
  - # *Action:
  - # - Please examine the altibase_boot.log file.

- 0x61001 (397313) rpERR_ABORT_RP_RECEIVER_CONFLICT A conflict has been occurred while executing the received statement.

  - # *Cause:
  - # - A conflict has been occurred while executing the received statement.
  - # *Action:
  - # - Please examine the altibase_boot.log file.

- 0x61003 (397315) rpERR_ABORT_RP_READ_SOCKET Unable to read from a socket

  - # *Cause:
  - # - Network error
  - # *Action:
  - # - Please examine the network.

- 0x61004 (397316) rpERR_ABORT_RP_WRITE_SOCKET Unable to write to a socket

  - # *Cause:
  - # - Network error
  - # *Action:
  - # - Please examine the network.

- 0x61007 (397319) rpERR_ABORT_RP_META_NOT_INITIALIZED Unable to initialize meta information

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x61008 (397320) rpERR_ABORT_RP_META_NO_SUCH_DATA Unable to find such meta information.

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x61009 (397321) rpERR_ABORT_RP_JOIN_THREAD Unable to join the sender thread

  — # *Cause:
  — # - The system failed to join the sender thread.
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x6100A (397322) rpERR_ABORT_RP_ALREADY_STARTED The sender has already been started.

  — # *Cause:
  — # - The sender has already been started.
  — # *Action:
  — # - Please make sure that the sender is already started.

- 0x6100B (397323) rpERR_ABORT_RP_MAXIMUM_THREADS_REACHED Out of replication threads

  — # *Cause:
  — # - The number of replications currently running on the system exceeds the maximum limit.
  — # *Action:
  — # - Please examine the maximum number of replication threads.

- 0x6100C (397324) rpERR_ABORT_RP_RECEIVER_NOT_FOUND The receiver does not exist.

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x6100D (397325) rpERR_ABORT_RP_SENDER_HANDSHAKE [Sender] Failed to handshake with the peer server (<0%s>)

  — # *Cause:
  — # - Network or server error
  — # - The definition of replication possibly has some error.

  - # *Action:
  - # - Please examine the network.
  - # - Please make sure that the definition of replication is same to the corresponding server.

- 0x6100E (397326) rpERR_ABORT_RP_PEER_WAKEUP Failed to wake up peer sender

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61010 (397328) rpERR_ABORT_RP_SENDER_START [Sender] Failed to start the sender thread

  - # *Cause:
  - # - The communication or handshaking was failed.
  - # *Action:
  - # - Please examine the network, the server, and the definition of replication.

- 0x61011 (397329) rpERR_ABORT_RP_SENDER_SYNCSTART [Sender] Failed to sync start

  - # *Cause:
  - # - The communication or handshaking was failed.
  - # *Action:
  - # - Please examine the network, the server, and the definition of replication.

- 0x61012 (397330) rpERR_ABORT_RP_SENDER_CONNECT_PEER [Sender] Failed to connect to the peer server

  - # *Cause:
  - # - Network error
  - # *Action:
  - # - Please examine the network.

- 0x61013 (397331) rpERR_ABORT_RP_SENDER_DO_REPLICATION [Sender] Failed to do replication

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61014 (397332) rpERR_ABORT_RP_SENDER_MAKE_XLOG_IN_LOGFILE [Sender] Failed to make XLOG in a log file

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61015 (397333) rpERR_ABORT_RP_SENDER_CHECK_LOG [Sender] Failed to check a physical log

- # *Cause:
- # - Internal server error
- # *Action:
- # - Please send a bug report to the vendor.

- 0x61016 (397334) rpERR_ABORT_RP_SENDER_MAKE_XLOG [Sender] Failed to make a xlog
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61017 (397335) rpERR_ABORT_RP_SENDER_ADD_BEGIN_XLOG [Sender] Failed to add the begin XLOG
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61018 (397336) rpERR_ABORT_RP_SENDER_ADD_ABORT_XLOG [Sender] Failed to add the abort XLOG
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61019 (397337) rpERR_ABORT_RP_SENDER_ADD_COMMIT_XLOG [Sender] Failed to add the commit XLOG
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x6101A (397338) rpERR_ABORT_RP_SENDER_ADD_INSERT_XLOG [Sender] Failed to add the insert XLOG
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x6101B (397339) rpERR_ABORT_RP_SENDER_ADD_DELETE_XLOG [Sender] Failed to add the delete XLOG
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x6101C (397340) rpERR_ABORT_RP_SENDER_ADD_UPDATE_XLOG [Sender] Failed to add

the update XLOG

- # *Cause:
- # - Internal server error
- # *Action:
- # - Please send a bug report to the vendor.

- 0x6101D (397341) rpERR_ABORT_RP_SENDER_SYNC_TABLE [Sender] Failed to sync a table
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x6101E (397342) rpERR_ABORT_RP_SENDER_ADD_SYNC_XLOG [Sender] Failed to add the SYNC XLOG
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x6101F (397343) rpERR_ABORT_RP_SENDER_SEND_BUFFER [Sender] Failed to send replication buffer
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61020 (397344) rpERR_ABORT_RP_SENDER_UPDATE_XLSN [Sender] Failed to update XLSN
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61021 (397345) rpERR_ABORT_RP_SENDER_ADD_INSERT_SYNC_XLOG [Sender] Failed to add the insert SYNC XLOG
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61022 (397346) rpERR_ABORT_RP_SENDER_SLEEP [Sender] Sender Sleep : <0%d> seconds
  - # *Cause:
  - # - Sender Sleeping
  - # *Action:
  - # - Just Message
- 0x61023 (397347) rpERR_ABORT_RP_REPLICATION_DISABLED The replication is disabled

  - # *Cause:
  - # - It is unable to use the replication feature of Altibase.
  - # - The replication is not initialized on startup because the port is not set correctly.
  - # *Action:
  - # - Please set the port correctly.

- 0x61025 (397349) rpERR_ABORT_RP_REPLICATION_DENY Replication denied (<0%s>)

  - # *Cause:
  - # - The request for replication is denied.
  - # *Action:

- 0x61026 (397350) rpERR_ABORT_RP_REPLICATION_NOK Unable to process the replication (<0%s>)

  - # *Cause:
  - # - It is unable to do replication because some conditions are not satisfiable.
  - # *Action:
  - # - Please try again later.

- 0x61027 (397351) rpERR_ABORT_RP_REPLICATION_NOT_STARTED The replication is not started yet.

  - # *Cause:
  - # - The replication is not started yet.
  - # *Action:
  - # - Please make sure that the replication is started.

- 0x61028 (397352) rpERR_ABORT_RP_REPLICATION_SELF_REPLICATION Self replication prohibited (<0%s>:<1%d> => <2%s>:<3%d>)

  - # *Cause:
  - # - The self replication case has been detected.
  - # *Action:
  - # - Please make sure that IP addresses and REPLICATION_PORT_NOs are not the same with described peer server.

- 0x61029 (397353) rpERR_ABORT_RP_ENTRY_EXIST [Sender] Entry already exists in insert()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6102A (397354) rpERR_ABORT_BIND Bind failure

  - # *Cause:
  - # - Network error
  - # *Action:
  - # - Examine the network.

- 0x6102B (397355) rpERR_ABORT_SPACE_INIT [Receiver] Failed to initialize error space

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6102C (397356) rpERR_ABORT_START_RECEIVER [Receiver] Failed to start the receiver

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6102D (397357) rpERR_ABORT_LISTEN [Receiver] Failed to listen to a replication socket

  - # *Cause:
  - # - Network error
  - # *Action:
  - # - Please examine the network.

- 0x6102E (397358) rpERR_ABORT_SOCKET_CREATE [Receiver] Failed to create a replication socket.

  - # *Cause:
  - # - Insufficient memory
  - # *Action:
  - # - Please increase available memory of the system.

- 0x6102F (397359) rpERR_ABORT_IDEALLOCERRORSPACE [Receiver] Fatal error in ideAllocErrorSpace() function

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61030 (397360) rpERR_ABORT_META_BUILD [Receiver] Failed to build meta information

  - # *Cause:
  - # - The system failed to create the meta information.
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61031 (397361) rpERR_ABORT_META_MISMATCH [Receiver] Meta does not match

  - # *Cause:
  - # - The meta information between a receiver and a sender does not match.
  - # *Action:
  - # - Please ask to the DBA for more information.

- 0x61032 (397362) rpERR_ABORT_SEND_ACK [Receiver] Failed to send ACK

  - # *Cause:
  - # - Internal server error

  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61033 (397363) rpERR_ABORT_TX_BEGIN [Receiver] Transaction begin failure

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61034 (397364) rpERR_ABORT_TX_COMMIT [Receiver] Transaction commit failure

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61035 (397365) rpERR_ABORT_UPDATE_CONFLICT [Receiver] An update conflict encountered.

  - # *Cause:
  - # - An update conflict encountered while the replication was in process.
  - # *Action:
  - # - This is a normal scenario. You can face to this error message once in a while.

- 0x61036 (397366) rpERR_ABORT_NOT_FOUND_DEL [Receiver] err_not found in deleteXlog()

  - # *Cause:
  - # - The record to be deleted is not found.
  - # *Action:
  - # - Please examine the altibase_boot.log file.

- 0x61037 (397367) rpERR_ABORT_NOT_EXIST_TABLE_DEL [Receiver] err_not_exist_table in deleteXlog()

  - # *Cause:
  - # - The table does not exist.
  - # *Action:
  - # - Please examine the altibase_boot.log file.

- 0x61038 (397368) rpERR_ABORT_NOT_EXIST_TABLE_INS [Receiver] err_not_exist_table in insertXlog()

  - # *Cause:
  - # - The table does not exist.
  - # *Action:
  - # - Examine the altibase_boot.log file.

- 0x61039 (397369) rpERR_ABORT_NOT_EXIST_TABLE_UPT [Receiver] err_not_exist_table in updateXlog()

  - # *Cause:
  - # - The table does not exist.

  - # *Action:
  - # - Examine the altibase_boot.log file.

- 0x6103A (397370) rpERR_ABORT_NOT_FOUND_UPT [Receiver] err_not_found in updateXlog()

  - # *Cause:
  - # - The table does not exist.
  - # *Action:
  - # - Examine the altibase_boot.log file.

- 0x6103B (397371) rpERR_ABORT_NULL_POINTER_ABORT [Receiver] err_null_pointer in abort()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6103C (397372) rpERR_ABORT_NULL_POINTER_BEGIN [Receiver] err_null_pointer in begin()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6103D (397373) rpERR_ABORT_NULL_POINTER_COMMIT [Receiver] err_null_pointer in commit()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6103E (397374) rpERR_ABORT_NULL_POINTER_DEL [Receiver] err_null_pointer in deleteXLog

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6103F (397375) rpERR_ABORT_NULL_POINTER_INS [Receiver] err_null_pointer in insertXlog()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61040 (397376) rpERR_ABORT_NULL_POINTER_UPT [Receiver] err_null_pointer in updateXlog()

- # *Cause:
- # - Internal server error
- # *Action:
- # - Please send a bug report to the vendor.

- 0x61041 (397377) rpERR_ABORT_TX_BEGIN2 [Receiver] err_tx in begin()
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61042 (397378) rpERR_ABORT_TX_COMMIT2 [Receiver] err_tx in commit()
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61043 (397379) rpERR_ABORT_TX_ERROR [Receiver] err_tx in err_tx()
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61044 (397380) rpERR_ABORT_ERROR_RECVXLOG [Receiver] Protocol error in recvXLog()
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61045 (397381) rpERR_ABORT_ERROR_SENDACK [Receiver] error in sendACK()
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61046 (397382) rpERR_ABORT_PROTOCOL_RUN [Receiver] protocol error in run()
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61047 (397383) rpERR_ABORT_ERROR_RECVXLOG2 [Receiver] receive error in recvXlog()
  - # *Cause:
  - # - Unable to read data from the network line.
  - # *Action:

  - # - Examine the network line.

- 0x61048 (397384) rpERR_ABORT_RECVXLOG_RUN [Receiver] recvXLog error in run()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61049 (397385) rpERR_ABORT_SENDACK_RECVXLOG [Receiver] sendACK error in recvX-Log()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6104B (397387) rpERR_ABORT_END_THREAD [Receiver] to be ended (by thr_exit)

  - # *Cause:
  - # - The sender thread has been started.
  - # *Action:
  - # - N/A

- 0x6104D (397389) rpERR_ABORT_CLOSE_LOG_FILE [Sender] Failed to close log file log-file<0%d>.log

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6104E (397390) rpERR_ABORT_GET_ACK [Sender] Failed to get ACK

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6104F (397391) rpERR_ABORT_RP_SENDER_INIT [Sender] Failed to initialize

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61050 (397392) rpERR_ABORT_OPEN_LOG_FILE [Sender] Failed to open log file log-file<0%d>.log

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61051 (397393) rpERR_ABORT_INVALID_XLSN [Sender] Invalid XLSN[<0%d>,<1%d>] > current[<2%d>,<3%d>] occurred

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x61052 (397394) rpERR_ABORT_INVALID_LOG [Sender] Invalid log

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x61053 (397395) rpERR_ABORT_INVALID_PARAM [Sender] Invalid parameter

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x61054 (397396) rpERR_ABORT_INVALID_XTYPE [Sender] Invalid xlog type

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x61055 (397397) rpERR_ABORT_MEMORY_ALLOC Memory allocation failure

  — # *Cause:
  — # - The system failed to allocate memory.
  — # *Action:
  — # - Please ask to the DBA for more information.

- 0x61056 (397398) rpERR_ABORT_ALREADY_FINAL [Receiver] to be ended (already finalized by manager)

  — # *Cause:
  — # - The receiver thread is stopped due to either the connection close or the termination of the sender thread.
  — # *Action:
  — # - N/A

- 0x61057 (397399) rpERR_ABORT_PROTOCOL_ERROR [Receiver] rp_x_b protocol error in run()

  — # *Cause:
  — # - The receiver thread tried to start the transaction that has already been started.
  — # *Action:
  — # - N/A

- 0x61058 (397400) rpERR_ABORT_ABORT_IN_FINAL [Receiver] smiTrans abort error in final()

- # *Cause:
- # - Internal server error
- # *Action:
- # - Please send a bug report to the vendor.

- 0x61059 (397401) rpERR_ABORT_INSERT_ERROR_IN_RUN [Receiver] insert error in run()
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x6105A (397402) rpERR_ABORT_BEGIN_ERROR_IN_RUN [Receiver] begin error in run()
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x6105B (397403) rpERR_ABORT_ABORT_ERROR_IN_RUN [Receiver] abort error in run()
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x6105C (397404) rpERR_ABORT_COMMIT_ERROR_IN_RUN [Receiver] commit error in run()
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x6105D (397405) rpERR_ABORT_ABORT_IN_DESTROY [Receiver] smiTrans abort error in destroy()
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x6105E (397406) rpERR_ABORT_REMOVE_IN_DESTROY [Receiver] hash remove error in destroy()
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x6105F (397407) rpERR_ABORT_DESTROY_IN_DESTROY [Receiver] hash destroy error in destroy()
  - # *Cause:

- # - Internal server error
- # *Action:
- # - Please send a bug report to the vendor.

- 0x61060 (397408) rpERR_ABORT_RP_FIND_IN_HASH_INSERT [Receiver] hash find error in insert()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61061 (397409) rpERR_ABORT_RP_FIND_IN_HASH_REMOVE [Receiver] hash find error in remove()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61062 (397410) rpERR_ABORT_FIND_ERROR_IN_RUN [Receiver] hash find error in run()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61063 (397411) rpERR_ABORT_INVALID_TYPE_IN_CONVERT [Receiver] invalid type in convertValue()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61064 (397412) rpERR_ABORT_BUFFER_OVERRUN_IN_CONVERT [Receiver] buffer overrun in convertValue()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61069 (397417) rpERR_ABORT_RP_INTERNAL_ARG Internal server error in replication module (<0%s>).

  - # *Cause:
  - # - Program Error
  - # *Action
  - # - Please send bug a report to the vendor.

- 0x6106A (397418) rpERR_ABORT_RP_SENDER_ADD_SAVEPOINT_XLOG [Sender] Failed to add savepoint XLOG (<0%s>).

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6106B (397419) rpERR_ABORT_RP_SENDER_SEND_ERROR [Sender] Failed to send XLog to peer network

  - # *Cause:
  - # - The peer network has a problem.
  - # *Action:
  - # - The system will retry automatically.

- 0x6106C (397420) rpERR_ABORT_RP_SENDER_RECV_ERROR [Sender] Failed to receive XLog to peer network

  - # *Cause:
  - # - The peer network has problem or is dead?
  - # *Action:
  - # - The system will retry automatically.

- 0x6106D (397421) rpERR_ABORT_RP_SET_SAVEPOINT_ERROR_IN_RUN [Receiver] smiTrans set(savepoint) error in run()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6106E (397422) rpERR_ABORT_RP_ABORT_SAVEPOINT_ERROR_IN_RUN [Receiver] smiTrans abort(savepoint) error in run()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6106F (397423) rpERR_ABORT_RP_NOT_DROP_ONE_TABLE You cannot drop only one replicated table.

  - # *Cause:
  - # - You cannot drop only one replicated table.
  - # *Action:
  - # - Please check the meta information.

- 0x61075 (397429) rpERR_ABORT_TIMEOUT_EXCEED Timeout exceed.

  - # Cause :
  - # - Timeout of WAIT exceeded.
  - # *Action :
  - #

- 0x61076 (397430) rpERR_ABORT_INVALID_XSN [Sender] Invalid XSN[<0%ld>] > Cur-

rent[<1%ld>] occurred

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61077 (397431) rpERR_ABORT_RP_SENDER_UPDATE_XSN [Sender] Failed to update XSN

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61078 (397432) rpERR_ABORT_RP_TRANSACTION_TABLE_IN_INSERT [Receiver] replication transaction table error in insert()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61079 (397433) rpERR_ABORT_RP_FIND_IN_TRANSTABLE_REMOVE [Receiver] find error in transaction table when remove()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6107A (397434) rpERR_ABORT_NOT_HAVE_HOST Invalid Host [<0%s>, <1%d>]

  - # *Cause :
  - # - Host Information(IP, Port) doesn't belong to given Replication.
  - # *Action :
  - # - Retry Operation by correct host information.

- 0x6107B (397435) rpERR_ABORT_COLUMN_COUNT_MISMATCH <0%s> column count mismatch of <1%s> table. (column count of received xlog is <2%d> and column count of meta is <3%d>)

  - # *Cause :
  - # - The column count of the table between a receiver and a sender does not match.
  - # *Action :
  - # - Please reorganize replicated tables and recreate replication after confirm meta information of the table between receiver and sender

- 0x6107C (397436) rpERR_ABORT_COLUMN_ID_MISMATCH <0%s> <1%d>'th column ID mismatch of <2%s> table. (column ID of received xlog is <3%d> and column ID of meta is <4%d>)

  - # *Cause :
  - # - The column ID of the table between a receiver and a sender does not match.

  - # *Action :
  - # - Please reorganize replicated tables and recreate replication after confirm meta information of the table between receiver and sender

- 0x6107D (397437) rpERR_ABORT_RP_TID_NOT_EXIST_IN_HASH_REMOVE [Receiver] transaction ID does not exist in hash remove().

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6107E (397438) rpERR_ABORT_INVALID_XTYPE_APPEND_XLOG [Sender] Invalid xlog type [<0%u>] in appendXLog()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6107F (397439) rpERR_ABORT_INVALID_XTYPE_ANALYZE_XLOG [Receiver] Invalid xlog type [<0%u>] in analyzeXLog()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61080 (397440) rpERR_ABORT_INVALID_XTYPE_APPEND_HEADER [Sender] Invalid xlog type [<0%u>] in appendHeader()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61081 (397441) rpERR_ABORT_INVALID_XTYPE_ANALYZE_HEADER [Receiver] Invalid xlog type [<0%u>] in analyzeHeader()

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61082 (397442) rpERR_ABORT_INDEX_COUNT_IS_NOT_AVAILABLE [Meta] Index Count isn't available [<0%u>]

  - # *Cause:
  - # - Index count is mismatch
  - # *Action:
  - # - Please check the number of index of table.

- 0x61083 (397443) rpERR_ABORT_ADD_SESSION [Network] Add Session operation is failed

- # *Cause:
- # - cmiAddSession() returns error
- # *Action:
- # - Please send a bug report to the vendor.

- 0x61084 (397444) rpERR_ABORT_SET_LINK [Network] Set link to session is failed
  - # *Cause:
  - # - Session already has other link
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61085 (397445) rpERR_ABORT_FREE_LINK [Network] Free link operation is failed
  - # *Cause:
  - # - cmiFreeLink() returns error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61086 (397446) rpERR_ABORT_FREE_DISPATCHER [Network] Free dispatcher operation is failed
  - # *Cause:
  - # - cmiFreeDispacher() returns error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61087 (397447) rpERR_ABORT_SHUTDOWN_LINK [Network] Shutdown link operation is failed
  - # *Cause:
  - # - cmiShutdownLink() returns error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61088 (397448) rpERR_ABORT_CLOSE_LINK [Network] Close link operation is failed
  - # *Cause:
  - # - cmiCloseLink() returns error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x61089 (397449) rpERR_ABORT_ALLOC_LINK [Network] Alloc link operation is failed
  - # *Cause:
  - # - cmiAllocLink() returns error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x6108A (397450) rpERR_ABORT_CONNECT_FAIL [Network] Connection is failed
  - # *Cause:
  - # - Network connection is failed

  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6108B (397451) rpERR_ABORT_SEND_FAIL [Network] Send operation is failed

  - # *Cause:
  - # - Send operation is failed
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6108C (397452) rpERR_ABORT_OPEN_LOB_CURSOR [SmExec] A failure occurred while openning LOB Cursor

  - # *Cause:
  - # - LOB Cursor open operation is failed
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6108D (397453) rpERR_ABORT_CLOSE_LOB_CURSOR [SmExec] A failure occurred while closing LOB Cursor

  - # *Cause:
  - # - LOB Cursor close operation is failed
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6108E (397454) rpERR_ABORT_LOB_PREPARE_WRITE [SmExec] A failure occurred while preparing for LOB writing

  - # *Cause:
  - # - Praparing for LOB writing operation is failed
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x6108F (397455) rpERR_ABORT_LOB_FINISH_WRITE [SmExec] A failure occurred while finishing LOB writing

  - # *Cause:
  - # - Finishing LOB writing operation is failed
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61090 (397456) rpERR_ABORT_LOB_PARTIAL_WRITE [SmExec] A failure occurred while writing LOB piece

  - # *Cause:
  - # - Writing LOB piece operation is failed
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61091 (397457) rpERR_ABORT_LOB_GET_LENGTH [SmExec] A failure occurred while getting LOB piece length

  - # *Cause:
  - # - To get LOB piece length is failed
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61092 (397458) rpERR_ABORT_LOB_READ [SmExec] A failure occurred while reading LOB piece

  - # *Cause:
  - # - Reading LOB piece operation is failed
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61093 (397459) rpERR_ABORT_NOT_FOUND_LOCATOR [SmExec] Locator [<0%lu>] isn't found

  - # *Cause:
  - # - Not found LOB locator
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x61094 (397460) rpERR_ABORT_RP_SENDER_NOT_FOUND_TABLE The given table isn't found in the meta.

  - # *Cause:
  - # - Unable to find the table in the meta.
  - # *Action:
  - # - Please examine the altibase_boot.log file and replication definition.

- 0x61095 (397461) rpERR_ABORT_RP_RECEIVER_NOT_FOUND_TABLE The given table isn't found in the meta.

  - # *Cause:
  - # - Unable to find the table in the meta.
  - # *Action:
  - # - Please examine the altibase_boot.log file and replication definition.

- 0x61096 (397462) rpERR_ABORT_RP_RECEIVER_NOT_FOUND_COLUMN The given column isn't found in the meta.

  - # *Cause:
  - # - Unable to find the column in the meta.
  - # *Action:
  - # - Please examine the altibase_boot.log file and replication definition.

- 0x61097 (397463) rpERR_ABORT_GET_MODULE Module isn't found by module ID in the server.

  - # *Cause:
  - # - Unable to find module pointer in the server.
  - # *Action:
  - # - Please examine the altibase_boot.log file and replication definition.

- 0x61098 (397464) rpERR_ABORT_SENDER_INVALID_XLOG_TYPE [Sender] Invalid xlog type [<0%u>] in sender analysis

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x61099 (397465) rpERR_ABORT_RECEIVER_INVALID_XLOG_TYPE [Receiver] Invalid xlog type [<0%u>] in Receiver analysis

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x6109A (397466) rpERR_ABORT_ITEM_NOT_EXIST [Meta] Replication Meta Item doesn't exist [Replication Name:<0%s>]

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x6109C (397468) rpERR_ABORT_CONVERT_ENDIAN Endian convert operation is failed.

  — # *Cause:
  — # - Internal server error.
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x6109D (397469) rpERR_ABORT_APPLY_DB [Receiver] DML operation is failed.

  — # *Cause:
  — # - Internal server error.
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x6109E (397470) rpERR_ABORT_NOT_EXIST_TABLE [Receiver] Given table doesn't exist.

  — # *Cause:
  — # - The table does not exist.
  — # *Action:
  — # - Please examine the altibase_boot.log file.

- 0x6109F (397471) rpERR_ABORT_RP_ALREADY_STARTED_RECEIVER The receiver has already been started.

  — # *Cause:
  — # - The receiver has already been started.
  — # *Action:
  — # - Please make sure that the receiver is already started.

- 0x610A0 (397472) rpERR_ABORT_GIVEUP_SENDER_STOP [Sender] Stopping <0%s> sender thread (sender read = SN[<1%ld>], current = SN[<2%ld>], distance from checkpoint = <3%ld>)

  — # *Cause:
  — # - The system tried to restart the sender thread with the current log file as specified by the REPLICATION_MAX_LOGFILE property.
  — # *Action:
  — # - N/A

- 0x610A1 (397473) rpERR_ABORT_GIVEUP_SENDER_RESET [Sender] Resetting <0%s> sender XSN (sender XSN = SN[<1%ld>], current = SN[<2%ld>], distance from checkpoint = <3%ld>)

  — # *Cause:
  — # - The system tried to reset the current log file as specified by the REPLICATION_MAX_LOGFILE property.
  — # *Action:
  — # - N/A

- 0x610A3 (397475) rpERR_ABORT_ROLE_NOT_SUPPORT_RECEIVER [Receiver] Receiver is not supported in this role.

  — # *Cause:
  — # - This role does not support Replication Receiver.
  — # *Action:
  — # - Please check role of the replication.

- 0x610A4 (397476) rpERR_ABORT_RECEIVER_UNEXPECTED_PROTOCOL [Receiver] Unexpected replication protocol [<0%u>]

  — # *Cause:
  — # - Internal server error.
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x610A5 (397477) rpERR_ABORT_RECEIVER_TX_NOT_BEGIN [Receiver] Transcation is not begun. Received XLog [Type:<0%d>, TID:<1%u>, SN:<2%ld>]

  — # *Cause:
  — # - Internal server error.
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x610A6 (397478) rpERR_ABORT_LOGBUFFER_ALLOC Replication Log Buffer Memory alloc failed.

  — # *Cause:
  — # - The system failed to allocate memory.
  — # *Action:
  — # - Please make sure that sufficient amount of memory is available.

- 0x610A7 (397479) rpERR_ABORT_RP_SENDER_UPDATE_INVALID_MAX_SN [Sender] Failed to update INVALID MAX SN

RP IGNORE

- 0x6200F (401423) rpERR_IGNORE_RP_SENDER_STOP [Sender] Stop sender thread <0%s> at [<1%ld>], Restart SN[<2%ld>]
  - # *Cause:
  - # - The sender thread has been stopped either normally or abnormally due to the defect of the network.
  - # *Action:
  - # - This is not an error of Altibase.
- 0x62024 (401444) rpERR_IGNORE_RP_SENDER_HASH_INIT [Sender] Failed to initialize the hash table
  - # *Cause:
  - # - It is unable to use the replication feature of Altibase.
  - # - The replication is not initialized on startup because the port is not set correctly.
  - # *Action:
  - # - Please set the port correctly.
- 0x6204A (401482) rpERR_IGNORE_RECEVER_START [Receiver] started
  - # *Cause:
  - # - The receiver thread has been started.
  - # *Action:
  - # - N/A
- 0x6204C (401484) rpERR_IGNORE_START_SENDER [Sender] Replication <0%s> Start... at [<1%ld>]
  - # *Cause:
  - # - The replication started up correctly.
  - # *Action:
  - # - N/A
- 0x62065 (401509) rpERR_IGNORE_SENDER_RESTART [Sender] restart from logfile <0%d>.log
  - # *Cause:
  - # - The sender thread starts because of the action related to the property REPLICATION_MAX_LOGFILE specified by the user.
  - # *Action:
  - # - N/A
- 0x62068 (401512) rpERR_IGNORE_RP_INIT_SOCK Unable to initialize a socket
  - # *Cause:
  - # - Not enough memory
  - # - Unable to connect to a remote server.
  - # *Action
  - # - Please check if the remote server is alive.
- 0x62070 (401520) rpERR_IGNORE_RP_PROTOCOL_DIFF Replication protocol is different.

  - # *Cause:
  - # - The replication protocol is different with the peer server.
  - # *Action:
  - # - Please check replication protocol version, endian, and 32/64 bit.

- 0x6209B (401563) rpERR_IGNORE_RP_META_DIFF Replication Meta is different.

  - # *Cause:
  - # - The replication meta is different with the peer server.
  - # *Action:
  - # - Please check altibase version, replication protocol version.

QP Error Code

QP FATAL

- 0x30016 (196630) qpERR_FATAL_QCM_REPL_META_CRASH A Replication meta table is crashed.
  - # *Cause:
  - # - A Replication meta table is crashed.
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x30191 (197009) qpERR_FATAL_QDN_NOT_FOUND_FOREIGNKEY Foreign key not found
  - # *Cause:
  - # - Foreign key not found
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x3018E (197006) qpERR_FATAL_QMN_HASH_INSERT Hash Insertion Failure
  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x30082 (196738) qpERR_FATAL_QMO_INVALID_MEMORY_AREA Invalid memory area access.
  - # *Cause:
  - # - Invalid memory area access
  - # *Action:
  - # - Please send a bug report to the vendor.
- 0x30203 (197123) qpERR_FATAL_QCU_INVALID_INSERT_LIMIT_PROPERTY Invalid value on INSERT_LOW_LIMIT and INSERT_HIGH_LIMIT property.
  - # *Cause:
  - # - The value of INSERT_HIGH_LIMIT property should be greater than the one of INSERT_LOW_LIMIT property.
  - # *Action:
  - # - Please check INSERT_LOW_LIMIT and INSERT_HIGH_LIMIT property.
- 0x00238 (568) qpERR_ABORT_QDN_MISMATCHED_REFERENCING_COLUMN_COUNT
  - # *Cause:
  - # - referencing columns that you listed did not match the primary key or unique key.
  - # *Action:
  - # - Please check referencing columns that you listed.
- 0x0023C (572) qpERR_ABORT_QDX_INVALID_INDEX_COLS

- # *Cause:
- # - Invalid key columns on an index
- # *Action:
- # - Please check key columns

- 0x0023D (573) qpERR_ABORT_QMV_USE_LOB_TYPE_COLUMN_WITH_SET
  - # *Cause:
  - # - LOB type column is not allowed to be used in the SELECT statements that contain the UNION, INTERSECT, MINUS operation.
  - # *Action:
  - # - Please remove the LOB type column or SET operation.

- 0x0023E (574) qpERR_ABORT_QMV_USE_LOB_TYPE_COLUMN_WITH_DISTINCT
  - # *Cause:
  - # - LOB type column is not allowed to be used on the SELECT statement with DISTINCT clause.
  - # *Action:
  - # - Please remove the LOB type column or DISTINCT option.

- 0x0023F (575) qpERR_ABORT_TOO_LONG_IDENTIFIER_NAME
  - # *Cause:
  - # - Too long identifier name.
  - # *Action:
  - # - Please rename the identifier to a shorter name.

- 0x00240 (576) qpERR_ABORT_INVALID_STATEMENT_STATE_ERROR
  - # *Cause:
  - # - A request of operation on a SQL statement that was freed
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x00241 (577) qpERR_ABORT_QCP_INVALID_SYSDBA_OPTION
  - # *Cause:
  - # - Invalid SYSDBA option.
  - # *Action:
  - # - Usage: CONNECT username/password [AS SYSDBA]

- 0x00242 (578) qpERR_ABORT_QCP_INVALID_BUFFER_OPTION = Only one BUFFER or NOBUFFER clause may be specified.
  - # *Cause:
  - # - Duplicate BUFFER option.
  - # *Action:
  - # - Please check BUFFER option.

- 0x00243 (579) qpERR_ABORT_QDB_MISMATCHED_LOB_TYPE_COLUMN
  - # *Cause:

  - # - The LOB type column mismatches.
  - # *Action:
  - # - Please check the column specification.

- 0x00244 (580) qpERR_ABORT_QDB_NOT_FOUND_LOB_TYPE_COLUMN

  - # *Cause:
  - # - The specified LOB type column is not found on the table.
  - # *Action:
  - # - Please check the LOB type column specification.

- 0x00245 (581) qpERR_ABORT_QDT_NO_CREATE_LOB_TYPE_IN_TBS

  - # *Cause:
  - # - Unable to create a LOB type column with the specified tablespace.
  - # *Action:
  - # - Please check the specified tablespace.

- 0x00246 (582) qpERR_ABORT_QMV_NOT_ALLOWED_LOB_TYPE_COLUMN

  - # *Cause:
  - # - LOB type column is not allowed to be used in ORDER BY, GROUP BY, HAVING and CONNECT BY clause.
  - # *Action:
  - # - Please do not use LOB type column in GROUP BY and CONNECT BY clause.

- 0x00247 (583) qpERR_REBUILD_QCI_PROC_INVALID

  - # *Cause:
  - # - A related procedure or function has been invalidated.
  - # *Action:
  - # - Please recompile the needed procedure or function again.

QP ABORT

- 0x311D6 (201174) qpERR_ABORT_MEMORY_ALLOCATION Insufficient memory for Query Processor

  - # *Cause:
  - # - Memory manager could not allocate sufficient memory for query processor.
  - # *Action:
  - # - Please make sure that the system has sufficient memory.

- 0x31001 (200705) qpERR_ABORT_QCP_SYNTAX SQL syntax error <0%s>

  - # *Cause:
  - # - SQL syntax error
  - # *Action:
  - # - Please refer to the SQL manual.

- 0x31003 (200707) qpERR_ABORT_QCP_NOT_SUPPORTED_SYNTAX Unsupported syntax

- # *Cause:
- # - The syntax is currently not supported
- # *Action:
- # - Please refer to the SQL manual.

- 0x31004 (200708) qpERR_ABORT_QCP_CONFLICT_NULL_CONSTRAINT Duplicate or conflicting NULL and/or NOT NULL constraints

  - # *Cause:
  - # - Duplicate or conflicting NULL and/or NOT NULL constraints
  - # *Action:
  - # - Please remove one of the duplicate or conflicting constraints.

- 0x31005 (200709) qpERR_ABORT_QCP_NO_HAVE_DATATYPE_IN_CRT_TBL A column in CREATE TABLE or ALTER TABLE ADD COLUMN statement should have a data type.

  - # *Cause:
  - # - A column in CREATE TABLE or ALTER TABLE ADD COLUMN statement should have a data type.
  - # *Action:
  - # - Please specify a data type to the column.

- 0x31006 (200710) qpERR_ABORT_QCP_HAVE_DATATYPE_IN_CRT_TBL_AS_SELECT A column in CREATE TABLE AS SELECT statement should not have a data type.

  - # *Cause:
  - # - A column in CREATE TABLE AS SELECT statement should not have a data type.
  - # *Action:
  - # - Please do not specify data types in the column definition clause.

- 0x31007 (200711) qpERR_ABORT_QCP_DUPLICATE_COLUMN_NAME Duplicate column name

  - # *Cause:
  - # - Duplicate column name
  - # *Action:
  - # - Please make sure that no duplicate column names are specified.

- 0x31234 (201268) qpERR_ABORT_QCP_DUPLICATE_CONSTRAINT_NAME Duplicate constraint name

  - # *Cause:
  - # - Duplicate constraint name
  - # *Action:
  - # - Please make sure that no duplicate constraint names are specified.

- 0x31008 (200712) qpERR_ABORT_QCP_HAVE_NO_COLUMN This statement should have at least a column.

  - # *Cause:
  - # - CREATE TABLE or ALTER TABLE ADD COLUMN statement should have at least a column.
  - # *Action:

  - # - Please specify more than one column.

- 0x31009 (200713) qpERR_ABORT_QCP_LIMIT_VALUE The START or COUNT value in SELECT LIMIT clause greater than 0.

  - # *Cause:
  - # - The START or COUNT value in SELECT LIMIT clause greater than 0.
  - # *Action:
  - # - Please specify a positive number to START or COUNT value.

- 0x3118B (201099) qpERR_ABORT_QCP_MAX_NAME_LENGTH_OVERFLOW The length of the name exceeds the maximum limit. <0%s>

  - # *Cause:
  - # - The length of the name exceeds the maximum limit.
  - # *Action:
  - # - Please refer to the SQL manual.

- 0x31152 (201042) qpERR_ABORT_QSX_ROWTYPE_ON_RETURN_NOT_ALLOWED_ERROR_SQLTEXT ROWTYPE is not allowed on RETURN clause. <0%s>

  - # *Cause:
  - # - The RETURN type of a function is a ROWTYPE
  - # *Action
  - # - Please do not use ROWTYPE on RETURN clause.

- 0x31186 (201094) qpERR_ABORT_QCP_FUNC_NAME_NOT_MATCHED Mismatched function name <0%s>

  - # *Cause:
  - # - The function name mismatches.
  - # *Action:
  - # - Please match function names or remove the function name after the END keyword.

- 0x31187 (201095) qpERR_ABORT_QCP_FUNC_TOO_MANY_ARGU Procedure or function has too many parameters.

  - # *Cause:
  - # - A procedure or function has too many parameters.
  - # *Action:
  - # - Please refer to the Stored Procedure manual.

- 0x31204 (201220) qpERR_ABORT_QCP_INVALID_INSERT_LIMIT_OPTION Invalid value on INSERT LOW LIMIT and INSERT HIGH LIMIT option.

  - # *Cause:
  - # - The value of INSERT HIGH LIMIT option should be greater than the one of INSERT LOW LIMIT option.
  - # *Action:
  - # - Please check INSERT LOW LIMIT and INSERT HIGH LIMIT option.

- 0x3121D (201245) qpERR_ABORT_QCP_INVALID_PARALLEL_OPTION Only one PARALLEL or

NOPARALLEL clause may be specified.

- # *Cause:
- # - Duplicate PARALLEL option.
- # *Action:
- # - Please check PARALLEL option.

- 0x3121E (201246) qpERR_ABORT_QCP_INVALID_TABLESPACE_OPTION Duplicate tablespace name clause.

  - # *Cause:
  - # - Duplicate TABLE SPACE NAME option.
  - # *Action:
  - # - Please check TABLESPACE option.

- 0x31202 (201218) qpERR_ABORT_INVALID_LIMIT_VALUE_TYPE A host variable of the limit value was bound to an invalid type.

  - # *Cause:
  - # - The type of the host variable of a limit value must be the one among INTEGER, BIGINT, or SMALLINT.
  - # *Action:
  - # - Please bind the host variable of the limit value to integer-kind type.

- 0x3100D (200717) qpERR_ABORT_QCM_INITDB Unable to initialize the meta database

  - # *Cause:
  - # - The system failed to initialize the meta database.
  - # *Action:
  - # - Please ask to the DBA for more information on this error.

- 0x3100E (200718) qpERR_ABORT_QCM_META_ALEADY_EXIST The meta database already exists.

  - # *Cause:
  - # - The meta database already exists.
  - # *Action:
  - # - Please ask to the DBA for more information on this error.

- 0x31010 (200720) qpERR_ABORT_QCM_NOT_EXIST_USER User not found

  - # *Cause:
  - # - The user is not in the meta database.
  - # *Action:
  - # - Please ask to the DBA for more information on this error.

- 0x31011 (200721) qpERR_ABORT_QCM_NOT_EXIST_TABLE Table not found

  - # *Cause:
  - # - The table is not in the meta database.
  - # *Action:
  - # - Please ask to the DBA for more information on this error.

- 0x31012 (200722) qpERR_ABORT_QCM_NOT_EXIST_COLUMN Column not found

  — # *Cause:
  — # - The column is not in the meta database.
  — # *Action:
  — # - Please ask to the DBA for more information on this error.

- 0x311F4 (201204) qpERR_ABORT_QCM_NOT_EXIST_COLUMN_NAME Invalid column name [<0%s>]

  — # *Cause:
  — # - The column name does not exist.
  — # *Action:
  — # - Please specify a valid column name.

- 0x31013 (200723) qpERR_ABORT_QCM_NOT_EXIST_SEQUENCE Sequence not found

  — # *Cause:
  — # - The specified sequence name is not found in the database.
  — # *Action:
  — # - Please make sure that the sequence exists.

- 0x31014 (200724) qpERR_ABORT_QCM_NOT_EXISTS_INDEX Index not found

  — # *Cause:
  — # - The specified index name is not found in the database.
  — # *Action:
  — # - Please make sure that the index exists.
  — # Please look up meta tables to make sure that the index name is correct.

- 0x31015 (200725) qpERR_ABORT_QCM_META_CRASH The meta table is crashed.

  — # *Cause:
  — # - The meta table is crashed.
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x31017 (200727) qpERR_ABORT_QCM_REPL_NOT_FOUND Replication not found

  — # *Cause:
  — # - The specified replication has not been created yet.
  — # *Action:
  — # - Please create the replication first.
  — # - Please check the replication name is valid

- 0x31018 (200728) qpERR_ABORT_QCM_INTERNAL_ARG Internal server error in meta module (<0%s>).

  — # *Cause:
  — # - Program error
  — # *Action
  — # - Please send a bug report to the vendor.

- 0x31019 (200729) qpERR_ABORT_QCM_NOT_ENOUGH_REPLICATION_ITEMS Internal server error. Too few tables for the replication.

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x3101A (200730) qpERR_ABORT_QCM_TOO_MANY_REPLICATION_ITEMS Internal server error. Too many tables for the replication.

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x3101B (200731) qpERR_ABORT_QCM_MAX_REPLICATION Internal server error.

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x31192 (201106) qpERR_ABORT_QCM_LOCK_FAIL The table is locked by other transactions.

  — # *Cause:
  — # - Cannot get a intensive lock on the specified table because it is already locked by other transactions.
  — # *Action:
  — # - Please check other transactions.

- 0x311A6 (201126) qpERR_ABORT_QCM_NOT_ENOUGH_REPLICATION_HOSTS Internal server error. Too few hosts for a replication

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x311A7 (201127) qpERR_ABORT_QCM_TOO_MANY_REPLICATION_HOSTS Internal server error. Too many hosts for a replication

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

- 0x310C9 (200905) qpERR_ABORT_RESET_SENDER [REPL manager] Resetting <0%s> sender XSN (sender XSN = SN<1%ld>,current = SN<2%ld>)

  — # *Cause:
  — # - The system tried to reset the current log file as specified by the REPLICATION_MAX_LOGFILE property.

  - # *Action:
  - # - N/A

- 0x310CA (200906) qpERR_ABORT_STOP_SENDER [REPL manager] Stopping <0%s> sender thread (sender read = SN<1%ld>,current = SN<2%ld>,SN = <3%ld>)

  - # *Cause:
  - # - The system tried to restart the sender thread with the current log file as specified by the REPLICATION_MAX_LOGFILE property.
  - # *Action:
  - # - N/A

- 0x3120A (201226) qpERR_ABORT_DROP_LAST_TABLE You cannot drop the last table.

  - # *Cause:
  - # - You cannot drop the last table from replication.
  - # *Action:
  - # - Please, check META information.

- 0x3120B (201227) qpERR_ABORT_DROP_LAST_HOST You cannot drop the last host.

  - # *Cause:
  - # - You cannot drop the last host from replication.
  - # *Action:
  - # - Please, check META information.

- 0x31020 (200736) qpERR_ABORT_QDB_DDL_WITH_REPLICATED_TBL You cannot execute DDL on a replicated table.

  - # *Cause:
  - # - You cannot execute DDL on a replicated table.
  - # *Action:
  - # - Please make sure that the specified table is not replicated.

- 0x31022 (200738) qpERR_ABORT_QDB_EXIST_OBJECT_NAME Name is already used by an existing object.

  - # *Cause:
  - # - An attempt was made to create a database object (such as a table, view or sequence) that already exists.
  - # A user's database objects must have distinct names.
  - # *Action:
  - # - Please enter a unique name for the database object or modify or drop the existing object so it can be reused.

- 0x31023 (200739) qpERR_ABORT_QDB_DUPLICATE_COLUMN Duplicate column name : <0%s>

  - # *Cause:
  - # - Two or more same column names are declared on a table.
  - # *Action:
  - # - Please adjust the duplicate column names on a table.

- 0x311C3 (201155) qpERR_ABORT_QDB_DUPLICATE_TIMESTAMP_COLUMN A table can have only one TIMESTAMP column. <0%s>
  - # *Cause:
  - # - A table can have only one TIMESTAMP column.
  - # *Action:
  - # - Please specify only one timestamp column on the table description.
- 0x311C4 (201156) qpERR_ABORT_QDB_CANNOT_SET_TIMESTAMP_DEFAULT No default value can be specified on a TIMESTAMP column. <0%s>
  - # *Cause:
  - # - No default value can be specified on a TIMESTAMP column.
  - # *Action:
  - # - Please remove the default clause on the TIMESTAMP column.
- 0x31024 (200740) qpERR_ABORT_QDB_NOT_EXISTS_ALIAS No alias is specified. The SELECT statement has a compound expression without an alias.
  - # *Cause:
  - # - The SELECT statement has a compound expression without an alias name that is used as a column name of the new table.
  - # *Action:
  - # - Plesae specify an alias to the compound expression in the target list of SELECT statement.
- 0x31025 (200741) qpERR_ABORT_QDB_MISMATCH_COL_COUNT The number of columns in the list and the number of values in the list do not match.
  - # *Cause:
  - # - When the user executes a CREATE TABLE AS SELECT statement, the number of defined columns must be equivalent to the number of specified expressions in the target list of SELECT statement.
  - # *Action:
  - # - Please make sure that the number of defined columns is equivalent to the number of specified expressions in the target list of the SELECT statement.
- 0x31026 (200742) qpERR_ABORT_QDB_INVALID_COLUMN_COUNT Too many or few columns on a table
  - # *Cause:
  - # - The number of columns on a table is either larger than the limit or less than zero as a result of adding or dropping a column.
  - # *Action:
  - # - If the number of columns becomes zero, please drop the table.
  - # - If the number of columns exceeds the limit, please create a new table for the column.
- 0x31027 (200743) qpERR_ABORT_QDB_NOT_EXISTS_DEFAULT Unable to find the DEFAULT specification to drop.
  - # *Cause:
  - # - The DEFAULT specification to be dropped is not found.
  - # *Action:

  - # - Please look up meta tables to see if a DEFAULT value is specified on the column.

- 0x31028 (200744) qpERR_ABORT_QDB_CREATE_DISABLE_DATA_TYPE Unable to create a column with the specified data type.

  - # *Cause:
  - # - Unable to create a column with the specified data type
  - # *Action:
  - # - Please make sure that the specified data type is allowed to be created.

- 0x31029 (200745) qpERR_ABORT_QDB_META_CRASH The meta database is crashed.

  - # *Cause:
  - # - The meta database is crashed.
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x3102A (200746) qpERR_ABORT_QDB_REFERENTIAL_CONSTRAINT_EXIST A foreign key constraint that depends on the table or column exists.

  - # *Cause:
  - # - A foreign key constraint that depends on the table or column exists.
  - # *Action:
  - # - Please drop the related foreign key constraints first, and retry this statement.

- 0x3102B (200747) qpERR_ABORT_QDB_NOT_EXIST_NOT_NULL Unable to alter the column to a nullable column because no NOT NULL constraint is specified on the column.

  - # *Cause:
  - # - There is no NULL constraint to drop.
  - # *Action:
  - # - Please check the column specification.

- 0x3102C (200748) qpERR_ABORT_QDB_NOT_ALLOWED_DROP_NOT_NULL Unable to drop NOT NULL constraint because there is a primary key constraint

  - # *Cause:
  - # - Primary key constraint exists on same column.
  - # *Action:
  - # - Please check the column specification.

- 0x3102D (200749) qpERR_ABORT_QDB_EXIST_NOT_NULL Unable to add NOT NULL constraint to the specified column because it already has either NOT NULL or PRIMARY KEY constraint

  - # *Cause:
  - # - The column already has NOT NULL constraint.
  - # *Action:
  - # - Please check the column specification.

- 0x3102F (200751) qpERR_ABORT_QDB_NOTNULL_HAS_NULL Unable to add NOT NULL constraint to the specified column because it already has null values

- # *Cause:
- # - One or more records has a null value on the specified column.
- # *Action:
- # - Please check the column specification.

- 0x31182 (201090) qpERR_ABORT_QDB_DUPLICATE_COLUMN_NAME Duplicate column name

  - # *Cause:
  - # - The same column name exists in the table specification.
  - # *Action:
  - # - Please check the table specification.

- 0x31183 (201091) qpERR_ABORT_QDB_NOT_ALLOWED_SUBQUERY A subquery is not allowed here. <0%s>

  - # *Cause:
  - # - A subquery is not allowed here.
  - # *Action:
  - # - Please remove subquery.

- 0x311AF (201135) qpERR_ABORT_QDB_DDL_ON_CLOSED_TABLE This table is not in the memory. <0%s>

  - # *Cause:
  - # - This table is not in the memory.
  - # *Action:
  - # - Please execute ALTER TABLE OPEN.

- 0x311FF (201215) qpERR_ABORT_QDB_HIGHLIMIT_LESS_LOWLIMIT INSERT HIGH LIMIT cannot be less than or equal to INSERT LOW LIMIT.

  - # *Cause:
  - # - INSERT HIGH LIMIT cannot be less than or equal to INSERT LOW LIMIT.
  - # *Action:
  - # - Please check INSERT HIGH LIMIT and INSERT LOW LIMIT

- 0x31233 (201267) qpERR_ABORT_QDB_FIXED_PAGE_SIZE_ERROR Fixed record size exceeds a page size.

  - # *Cause:
  - # - A table is not allowed to be created because the size of a record exceeds a page.
  - # *Action:
  - # - Please create a table whose record size is less than a page size.

- 0x31236 (201270) qpERR_ABORT_QDB_IN_ROW_SIZE_ERROR IN ROW size exceeds the maximum limit.

  - # *Cause:
  - # - A column is not allowed to be created because the IN ROW size exceeds the maximum limit.
  - # *Action:
  - # - Please create a column whose IN ROW size is less than the maximum limit.

- 0x31030 (200752) qpERR_ABORT_QCV_NO_GRANT You have no permission to execute the SQL statement.

  — # *Cause:
  — # - You have no permission to execute the SQL statement.
  — # (The SYS user can access to an arbitrary object in any SQL statement.)
  — # *Action:
  — # - Please make sure that the user has the right permission to execute the SQL statement, or ask to the DBA for more information.

- 0x31189 (201097) qpERR_ABORT_QCV_NOT_EXISTS_USER User not found : <0%s>

  — # *Cause:
  — # - The name of the specified user is not found in the database.
  — # *Action:
  — # - Please make sure that the user exists in the database.

- 0x31031 (200753) qpERR_ABORT_QCV_NOT_EXISTS_TABLE Table not found : <0%s>

  — # *Cause:
  — # - The name of the specified table is not found in the database.
  — # *Action:
  — # - Please make sure that the table exists in the database.
  — # - Please make sure that there is no typo in the table name.

- 0x31032 (200754) qpERR_ABORT_QCV_NOT_ALLOWED_HOSTVAR Invalid use of host variables

  — # *Cause:
  — # - A host variable is misused.
  — # *Action:
  — # - Please verify the position of every host variable.

- 0x31033 (200755) qpERR_ABORT_QCV_UNSUPPORTED Unsupported function <0%s>

  — # *Cause:
  — # - The function is not supported yet.
  — # *Action:
  — # - No Action

- 0x31199 (201113) qpERR_ABORT_QCV_DML_ON_SEQUENCE Unable to execute DML statements on a sequence. <0%s>

  — # *Cause:
  — # - It is impossible to execute DML statements on a sequence.
  — # *Action:
  — # - Please specify a table name on DML statements.

- 0x31035 (200757) qpERR_ABORT_QDS_DUPLICATE_SEQUENCE Duplicate sequence name

  — # *Cause:
  — # - A sequence name already exists in the database.

- # *Action:
- # - Please create a new sequence with a different name.

- 0x31036 (200758) qpERR_ABORT_QDS_START_LESS_MIN START value cannot be less than MIN value.

  - # *Cause:
  - # - START value cannot be less than MIN value.
  - # *Action:
  - # - Please check START and MIN value.

- 0x31037 (200759) qpERR_ABORT_QDS_START_MORE_MAX START value cannot be greater than MAX value.

  - # *Cause:
  - # - START value cannot be greater than MAX value.
  - # *Action:
  - # - Please check START value and MAX value.

- 0x3119B (201115) qpERR_ABORT_QDS_CURR_LESS_MIN CURRENT value cannot be less than MIN value.

  - # *Cause:
  - # - CURRENT value cannot be less than MIN value.
  - # *Action:
  - # - Please check CURRENT value and MIN value.

- 0x3119C (201116) qpERR_ABORT_QDS_CURR_MORE_MAX CURRENT value cannot be greater than MAX value.

  - # *Cause:
  - # - CURRENT value cannot be greater than MAX value.
  - # *Action:
  - # - Please check CURRENT value and MAX value.

- 0x31038 (200760) qpERR_ABORT_QDS_MIN_VALUE MIN value must be less than MAX value.

  - # *Cause:
  - # - MIN value must be less than MAX value.
  - # *Action:
  - # - Please check MIN and MAX value.

- 0x31039 (200761) qpERR_ABORT_QDS_CACHE_VALUE CACHE value must be greater than 1.

  - # *Cause:
  - # - CACHE value must be greater than 1.
  - # *Action:
  - # - Please check CACHE value.

- 0x3103A (200762) qpERR_ABORT_QDS_INCREMENT_VALUE INCREMENT value must be a non-zero integer.

  - # *Cause:

- — # - INCREMENT value must be a non-zero integer.
- — # *Action:
- — # - Please check INCREMENT value.

- 0x3103B (200763) qpERR_ABORT_QDS_INVALID_INCREMENT_VALUE INCREMENT value must be less than the difference of MAX and MIN value.

  - — # *Cause:
  - — # - INCREMENT value must be less than the difference of MAX and MIN value.
  - — # *Action:
  - — # - Please check INCREMENT, MAX, and MIN value.

- 0x3103C (200764) qpERR_ABORT_QDR_NOT_EXISTS_USER Undefined user name. The user specified as the owner of a table or an object is not found in the database. <0%s>

  - — # *Cause:
  - — # - The user specified as the owner of a table or an object is not found in the database.
  - — # *Action:
  - — # - Please make sure that the user name of an object is registered in the database.

- 0x3103D (200765) qpERR_ABORT_QDR_DUPLICATE_USER Duplicate user names. The user name already exists in the database.

  - — # *Cause:
  - — # - The user name to be created already exists in the database.
  - — # *Action:
  - — # - Please use another user name.

- 0x3103F (200767) qpERR_ABORT_QDD_DDL_WITH_REPLICATED_TBL No DDL statement is allowed to be executed on a replicated table.

  - — # *Cause:
  - — # - A DDL statement is executed on a replicated table.
  - — # *Action:
  - — # - Please make sure that the specified table is not replicated.

- 0x31040 (200768) qpERR_ABORT_QDD_NO_DROP_SYS_USER It is not allowed to drop SYS user.

  - — # *Cause:
  - — # - You cannot drop SYS user.
  - — # *Action:
  - — # - Please make sure that the specified user name is not SYS.

- 0x31041 (200769) qpERR_ABORT_QDD_EXIST_OWN_OBJECT The user cannot be dropped because the current dropping user still has one or more objects.

  - — # *Cause:
  - — # - The user to be dropped has at least one object.
  - — # *Action:
  - — # - Please drop every object owned by the user being dropped.

- 0x3119E (201118) qpERR_ABORT_QDD_DROP_SYSTEM_INDEX The primary key or unique key

constraint cannot be dropped using DROP INDEX statement. Please use ALTER TABLE statement.

  - # *Cause:
  - # - The primary key or unique key constraint cannot be dropped using DROP INDEX statement.
  - # *Action:
  - # - Please use ALTER TABLE statement.

- 0x311A5 (201125) qpERR_ABORT_QDD_NO_DROP_META_TABLE It is not allowed to execute ALTER, DROP or TRUNCATE TABLE statement on a meta table.

  - # *Cause:
  - # - You cannot alter, drop or truncate meta table.
  - # *Action:
  - # - Please check table name.

- 0x31042 (200770) qpERR_ABORT_QDN_NOT_EXISTS_CONSTRAINT Constraint not found.

  - # *Cause:
  - # - The specified constraint name is not found in the database.
  - # *Action:
  - # - Please make sure that the constraint name exists in SYS_CONSTRAINTS_ meta table.

- 0x31043 (200771) qpERR_ABORT_QDN_NOT_EXISTS_UNIQUE_KEY UNIQUE KEY constraint not found on the table.

  - # *Cause:
  - # - The UNIQUE KEY constraint is not found on the table.
  - # *Action:
  - # - Please check the UNIQUE KEY constraint in meta tables.

- 0x31044 (200772) qpERR_ABORT_QDN_NOT_EXISTS_PRIMARY_KEY PRIMARY KEY constraint not found on the table.

  - # *Cause:
  - # - The PRIMARY KEY constraint is not found on the table.
  - # *Action:
  - # - Please check the PRIMARY KEY constraint in meta tables.

- 0x31045 (200773) qpERR_ABORT_QDN_DUPLICATE_PRIMARY_KEY A Primary key already exists on the table.

  - # *Cause:
  - # - The table already has a primary key. A table can have only one primary key.
  - # *Action:
  - # - If a primary key already exists, please drop the key in order to create a new one

- 0x31046 (200774) qpERR_ABORT_QDN_DUPLICATE_CONSTRAINT Duplicate constraint name : <0%s>

  - # *Cause:
  - # - The constraint name already exists in the database.

  - # *Action:
  - # - If a constraint with the same name already exists, please create a constraint with a different name.

- 0x31047 (200775) qpERR_ABORT_QDN_MAX_KEY_COLUMN_COUNT Too many key columns

  - # *Cause:
  - # - Too many key columns
  - # *Action:
  - # - Please reduce the number of columns in an index.

- 0x31049 (200777) qpERR_ABORT_QDN_REFERENCED_INDEX_NOT_FOUND Unable to find referenced index

  - # *Cause:
  - # - There is no unique index on the referenced column list
  - # *Action:
  - # - Please make sure that an index exists on a the reference column list.

- 0x3104A (200778) qpERR_ABORT_QDN_ADD_COL_NO_DEFAULT_NOTNULL Unable to add NOT NULL constraint on a column without a DEFAULT value

  - # *Cause:
  - # - It is impossible to add NOT NULL constraint on a column without a DEFAULT value.
  - # *Action:
  - # - Please remove NOT NULL constraint on the column specification, or specify a DEFAULT value to the column.

- 0x3104B (200779) qpERR_ABORT_QDN_DUPLICATE_CONSTRAINT_SPEC Unable to create or add a constraint on the column because it has the same constraint.

  - # *Cause:
  - # - There is at least one same constraint on the column.
  - # *Action:
  - # - Please check the constraint definition.

- 0x31190 (201104) qpERR_ABORT_QDN_NOT_COMPATIBLE_TYPE Incompatible data types

  - # *Cause:
  - # - The data types are incompatible.
  - # *Action:
  - # - Please check the data types.

- 0x311C5 (201157) qpERR_ABORT_QDN_CANNOT_DROP_TIMESTAMP Unable to drop a TIMESTAMP constraint.

  - # *Cause:
  - # - It is impossible to drop a TIMESTAMP constraint.
  - # *Action:
  - # - Please execute ALTER TABLE DROP COLUMN statement.

- 0x31230 (201264) qpERR_ABORT_QDN_SELF_REFERENCE_NOT_SUPPORTED Self referential constraint is not supported yet.

- # *Cause:
- # - self referential constraint is not supported.
- # *Action:
- # - Please check th SQL statement

- 0x3104C (200780) qpERR_ABORT_QDX_DUPLICATE_INDEX Duplicate index name

  - # *Cause:
  - # - The specified index name already exists in the database.
  - # *Action:
  - # - Please create a new index with a different name.

- 0x3104D (200781) qpERR_ABORT_QDX_CRT_IDX_ON_REPLICATED_TBL It is not allowed to create an index on a replicated table.

  - # *Cause:
  - # - It is not allowed to create an index on a replicated table.
  - # *Action:
  - # - Please drop the replication.

- 0x3104F (200783) qpERR_ABORT_QDX_INVALID_KEY_FIELD_COUNT Too many columns for a composite index.

  - # *Cause:
  - # - It is impossible to create an index having more columns than the maximum number of key columns in a composite index.
  - # *Action:
  - # - Please check the number of key columns on the composite index.

- 0x31051 (200785) qpERR_ABORT_QDX_DUPLICATE_INDEX_COLS Duplicate key columns on an index

  - # *Cause:
  - # - Duplicate columns exist in the description of an index.
  - # *Action:
  - # - Please create a new index with a different description.

- 0x31053 (200787) qpERR_ABORT_QMV_NOT_ENOUGH_INSERT_VALUES Not enough insert values

  - # *Cause:
  - # - The number of columns is not equal to the number of values.
  - # *Action:
  - # - Please make sure that the same number of columns and values are specified.

- 0x31054 (200788) qpERR_ABORT_QMV_TOO_MANY_INSERT_VALUES Too many insert values

  - # *Cause:
  - # - The number of columns is not equal to the number of values.
  - # *Action:
  - # - Please make sure that the same number of columns and values are specified.

- 0x31055 (200789) qpERR_ABORT_QMV_NOT_ALLOW_PRIMARY_KEY_UPDATE The primary

key of a table is not allowed to be updated when the table is used for replication.

— # *Cause:
— # - The user tried to update the primary key of a table that was used for replication.
— # *Action:
— # - Please make sure that the table is not used for replication.

- 0x31056 (200790) qpERR_ABORT_QMV_NOT_NULL_CONSTRAINT Unable to insert(or update) NULL into NOT NULL column.

  — # *Cause:
  — # - It is impossible to insert(or update) NULL value into NOT NULL column.
  — # *Action:
  — # - Please drop the NOT NULL constraint or make sure that the values to be inserted or updated are not NULL value.

- 0x31057 (200791) qpERR_ABORT_QMV_DML_ON_CLOSED_TABLE This table is not in memory. <0%s>

  — # *Cause:
  — # - This table is not in memory.
  — # *Action:
  — # - Please execute ALTER TABLE OPEN statement.

- 0x31058 (200792) qpERR_ABORT_QMV_NOT_EXISTS_COLUMN Column not found <0%s>

  — # *Cause:
  — # - The specified column is not found on the table.
  — # *Action:
  — # - Please make sure that the column name is correct.

- 0x31059 (200793) qpERR_ABORT_QMV_COLUMN_AMBIGUOUS_DEF An ambiguous column : <0%s>

  — # *Cause:
  — # - Two or more tables to be selected have the same column name.
  — # *Action:
  — # - Please specify a column name explicitly like 'table_name.column_name'.

- 0x3105A (200794) qpERR_ABORT_QMV_NOT_EXISTS_ALIAS The specified alias name is not found on the target list. <0%s>

  — # *Cause:
  — # - The specified alias name is not found on the target list.
  — # *Action:
  — # - Please check alias names in the target list.

- 0x3105B (200795) qpERR_ABORT_QMV_DUPLICATE_ALIAS Duplicated alias name is found on target list. <0%s>

  — # *Cause:
  — # - Duplicated alias name is found on target list.
  — # *Action:

  - # - Please check alias names in the target list.

- 0x3105C (200796) qpERR_ABORT_QMV_NO_GROUP_EXPRESSION Not a group expression in the target list

  - # *Cause:
  - # - If SELECT statement includes GROUP BY clause, only group expressions can be used in the target list.
  - # *Action:
  - # - Please make sure only the expressions on the GROUP BY clause are used in the SELECT, WHERE, and ORDER BY clause.

- 0x3105D (200797) qpERR_ABORT_QMV_NO_SELECTED_EXPRESSION Only the expressions of the target list can appear in the ORDER BY clause.

  - # *Cause:
  - # - One or more expressions in the ORDER BY clause is not in the target list.
  - # *Action:
  - # - Please make sure that the target list has every expression used in the ORDER BY clause.

- 0x3105E (200798) qpERR_ABORT_QMV_INVALID_POSITION_IN_ORDERBY Invalid position value in ORDER BY clause.

  - # *Cause:
  - # - The position value is greater than the number of expressions in the target list.
  - # *Action:
  - # - Please make sure that the position value is less than or equal to the number of expressions in the target list.

- 0x3105F (200799) qpERR_ABORT_QMV_INVALID_ORDERBY_EXP_WITH_SET Invalid expression in ORDER BY clause. <0%s>

  - # *Cause:
  - # - An invalid expression is found in ORDER BY clause.
  - # *Action:
  - # - Please check ORDER BY clause.

- 0x31060 (200800) qpERR_ABORT_QMV_CANNOT_USE_AGG Invalid use of aggregate function. An aggregate function such as COUNT, MIN, MAX, SUM or AVG is used on a clause where it is not allowed.

  - # *Cause:
  - # - An aggregate function takes an argument as another aggregate function.
  - # - An aggregate function such as COUNT, MIN, MAX, SUM or AVG is used on a clause where it is not allowed to.
  - # *Action:
  - # - Please verify the positions of aggregate functions in the SQL statement.
  - # - Please make sure that no aggregate function is used in a SQL statement that has no GROUP BY clause.

- 0x31061 (200801) qpERR_ABORT_QCV_NOT_ALLOWED_AGGREGATION An aggregate function is not allowed here. <0%s>

- # *Cause:
- # - An aggregate function is not allowed to be used here.
- # *Action:
- # - Please check aggregate functions.

- 0x31062 (200802) qpERR_ABORT_QMV_MISMATCH_TARGET_COUNT Mismatched number of expressions in the target lists of SELECT statements for a SET query

  - # *Cause:
  - # - The number of expressions in target lists of SELECT statements for a SET differ.
  - # *Action:
  - # - Please count the number of expressions in each target list of SELECT statements in the SET query.

- 0x31063 (200803) qpERR_ABORT_QMV_INVALID_TABLE_NAME Invalid table name <0%s>

  - # *Cause:
  - # - A table name that is not listed in the FROM clause is used.
  - # *Action:
  - # - Please check FROM clause.

- 0x31064 (200804) qpERR_ABORT_QMV_GROUP_ON_FORUPDATE GROUP BY or HAVING clause is not allowed on SELECT FOR UPDATE statement.

  - # *Cause:
  - # - Violation on SELECT FOR UPDATE restriction
  - # *Action:
  - # - Do not use GROUP BY, HAVING clause.

- 0x31065 (200805) qpERR_ABORT_QMV_AGGREGATE_ON_FORUPDATE Aggregate function is not allowed on SELECT FOR UPDATE statement.

  - # *Cause:
  - # - Violation on SELECT FOR UPDATE restriction
  - # *Action:
  - # - Do not use aggregate functions.

- 0x31066 (200806) qpERR_ABORT_QMV_DISTINCT_SETFUNCTION_ON_FORUPDATE DISTINCT, UNION, UNION ALL, INTERSECT and MINUS is not allowed on SELECT FOR UPDATE statement.

  - # *Cause:
  - # - Violation on SELECT FOR UPDATE restriction
  - # *Action:
  - # - Please do not use DISTINCT or set functions.

- 0x31235 (201269) qpERR_ABORT_QMV_JOIN_ON_FORUPDATE JOIN is not allowed on SELECT FOR UPDATE statement.

  - # *Cause:
  - # - Violation on SELECT FOR UPDATE restriction
  - # *Action:
  - # - Please do not use JOIN operation.

- 0x31067 (200807) qpERR_ABORT_QMV_USE_SEQUENCE_WITH_ORDER_BY No sequence is allowed to be used on the SELECT statement with ORDER BY clause. <0%s>

  — # *Cause:
  — # - No sequence is allowed to be used on the SELECT statement with ORDER BY clause.
  — # *Action:
  — # - Please remove sequence or ORDER BY clause.

- 0x31068 (200808) qpERR_ABORT_QMV_USE_SEQUENCE_WITH_GROUP_BY No sequence is allowed to be used on the SELECT statement that has GROUP BY, HAVING clause, or aggregation functions. <0%s>

  — # *Cause:
  — # - No sequence is allowed to be used on the SELECT statement in GROUP BY, HAVING clause, or aggregation functions.
  — # *Action:
  — # - Please remove aggregation functions, GROUP BY, HAVING clause or sequence.

- 0x31069 (200809) qpERR_ABORT_QMV_USE_SEQUENCE_WITH_DISTINCT No sequence is allowed to be used on the SELECT statement that has DISTINCT clause. <0%s>

  — # *Cause:
  — # - No sequence is allowed to be used on the SELECT statement with DISTINCT clause.
  — # *Action:
  — # - Please remove sequences or DISTINCT option.

- 0x3106A (200810) qpERR_ABORT_QMV_USE_SEQUENCE_WITH_SET No sequence is allowed to be used on the SELECT statement that has the UNION, UNION ALL, INTERSECT, MINUS operation. <0%s>

  — # *Cause:
  — # - No sequence is allowed to be used in the SELECT statements that contain the UNION, UNION ALL, INTERSECT, MINUS operation.
  — # *Action:
  — # - Please remove the sequences or SET operation.

- 0x3106B (200811) qpERR_ABORT_QMV_USE_SEQUENCE_IN_VIEW No sequence is allowed to be used in a view. <0%s>

  — # *Cause:
  — # - No sequence is allowed to be used in a view.
  — # *Action:
  — # - Please remove the sequences.

- 0x3106C (200812) qpERR_ABORT_QMV_USE_SEQUENCE_IN_SUBQUERY No sequence is allowed to be used in a subquery. <0%s>

  — # *Cause:
  — # - No sequence is allowed to be used in a subquery.
  — # *Action:
  — # - Please remove the sequences.

- 0x3106D (200813) qpERR_ABORT_QMV_USE_SEQUENCE_IN_WHERE No sequence is allowed

to be used in WHERE clause. <0%s>

- # *Cause:
- # - No sequence is allowed to be used in WHERE clause.
- # *Action:
- # - Please remove the sequences.

- 0x3106E (200814) qpERR_ABORT_QMV_USE_SEQUENCE_IN_DEFAULT No sequence is allowed to be used on DEFAULT constraint in CREATE or ALTER TABLE statement. <0%s>

  - # *Cause:
  - # - No sequence is allowed to be used on DEFAULT constraint in CREATE or ALTER TABLE statement.
  - # *Action:
  - # - Please remove the sequences.

- 0x3106F (200815) qpERR_ABORT_QMV_NESTED_AGGR_WITHOUT_GROUP Unable to use a nested aggregate function without GROUP BY clause.

  - # *Cause:
  - # - It is not allowed to use a nested aggregate function without GROUP BY clause.
  - # *Action:
  - # - Please use nested aggregate function with GROUP BY clause.

- 0x31070 (200816) qpERR_ABORT_QMV_TOO_DEEPLY_NESTED_AGGR Too deeply nested aggregate function

  - # *Cause:
  - # - Too deeply nested aggregate function
  - # *Action:
  - # - Please use one depth aggregate function.

- 0x31071 (200817) qpERR_ABORT_QMV_TYPE_MISMATCH_IN_SET Type mismatch error in SET.

  - # *Cause:
  - # - One or more target type is incompatible.
  - # *Action:
  - # - Please make sure that the type of every target in SET is correct.

- 0x31072 (200818) qpERR_ABORT_QMV_DUP_COLUMN_IN_SET Duplicated columns specified in a SET clause.

  - # *Cause:
  - # - One or more target columns is duplicated in SET clause.
  - # *Action:
  - # - Please make sure that a target column occurs only once in SET caluse.

- 0x31193 (201107) qpERR_ABORT_QMV_NOT_APPLICABLE_TYPE_IN_TARGET Not applicable data type in target list

  - # *Cause:
  - # - Not applicable data type in target list
  - # *Action:

  - # - Please remove targets whose type is either BOOLEAN or LIST data type.

- 0x311A0 (201120) qpERR_ABORT_QMV_HIERARCHICAL_WITH_JOIN A hierarchical query cannot have a join operation <0%s>.

  - # *Cause:
  - # - A hierarchical query cannot have a join operation.
  - # *Action:
  - # - Please use the hierarchical query only on a base table.

- 0x311A1 (201121) qpERR_ABORT_QMV_HIERARCHICAL_WITH_VIEW A hierarchical query on niether a created view nor inline view is allowed <0%s>.

  - # *Cause:
  - # - A hierarchical query should be used on a physical table.
  - # *Action:
  - # - Please use a hierarchical query only on a physical table.
  - # - Please remove any inline view from hierarcical query.

- 0x311A2 (201122) qpERR_ABORT_QMV_SUBQ_IN_CONNECTBY CONNECT BY clause cannot include a subquery <0%s>.

  - # *Cause:
  - # - CONNECT BY clause cannot include a subquery.
  - # *Action:
  - # - Please remove the subquery in the CONNECT BY clause.

- 0x311A3 (201123) qpERR_ABORT_QMV_PRIOR_WITHOUT_CONNECTBY PRIOR cannot be specified without CONNECT BY clause <0%s>.

  - # *Cause:
  - # - PRIOR cannot be specified without CONNECT BY clause.
  - # *Action:
  - # - Please specify CONNECT BY clause.

- 0x311D5 (201173) qpERR_ABORT_QMV_NOT_PREDICATE It is not a predicate <0%s>.

  - # *Cause:
  - # - It is not a predicate.
  - # *Action:
  - # - Please specify a predicate.

- 0x31201 (201217) qpERR_ABORT_PSM_NOT_IN_SERVICE_PHASE A stored function or procedure can be invoked only in SERVICE phase <0%s>.

  - # *Cause:
  - # - A function or procedure can be invoked only in SERVICE phase
  - # *Action:
  - # - Please do not use stored function or procedure in phases other than SERVICE phase.

- 0x31205 (201221) qpERR_ABORT_QMV_MOVE_SAME_TABLE It is not allowed to execute MOVE statement on the same table.

  - # *Cause:
  - # - The user tried to execute MOVE statement on the same table.
  - # *Action:
  - # - Please do not execute MOVE statement on the same table.

- 0x31073 (200819) qpERR_ABORT_QMX_SEQ_NOT_DEFINE_IN_SESSION The sequence is not defined in this session. <0%s>

  - # *Cause:
  - # - The sequence is not defined in this session.
  - # *Action:
  - # - Please define the sequence first.

- 0x31074 (200820) qpERR_ABORT_QMX_NOT_NULL_CONSTRAINT Unable to insert(or update) NULL into NOT NULL column.

  - # *Cause:
  - # - The user tried to insert(or update) NULL into NOT NULL column.
  - # *Action:
  - # - Please drop the NOT NULL constraint or make sure that the value to be inserted or updated is not a NULL value.

- 0x31076 (200822) qpERR_ABORT_QMX_CHILD_EXIST Unable to modify records that have child records. Please check the referential constraints.<0%s>

  - # *Cause:
  - # - It is impossible to modify records that have child records. Please check the referential constraints.
  - # *Action:
  - # - Please check referential constraints that are related to the table.

- 0x31077 (200823) qpERR_ABORT_QMX_NOT_FOUND_PARENT_ROW The parent record is not found for <0%s>.

  - # *Cause:
  - # - The parent record is not found.
  - # *Action:
  - # - Please check referential constraints that are related to the table.

- 0x311C6 (201158) qpERR_ABORT_QMX_CANNOT_SET_TIMESTAMP Unable to set TIMESTAMP value.

  - # *Cause:
  - # - The system failed to set a TIMESTAMP value.
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x311A4 (201124) qpERR_ABORT_QMN_HIER_LOOP A loop in hierarchical query detected.

  - # *Cause:
  - # - A loop in hierarchical query has been detected.
  - # *Action:

  - # - Please check the records.

- 0x31232 (201266) qpERR_ABORT_QMO_INVALID_MEMORY_AREA Invalid memory area access.

  - # *Cause:
  - # - Invalid memory area access
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x31084 (200836) qpERR_ABORT_QRC_NO_GRANT The user has no permission to execute the SQL statement.

  - # *Cause:
  - # - The user has no permission to execute the SQL statement.
  - # *Action:
  - # - Please make sure that the user has right permission to execute the SQL statement.

- 0x31085 (200837) qpERR_ABORT_QRC_DUPLICATE_REPLICATION Duplicated replication names. The replication name already exists in the database.

  - # *Cause:
  - # - The replication name already exists in the database.
  - # - The IP address and the port number must be the unique one.
  - # *Action:
  - # - Please use another replication name.
  - # - Please look up meta tables in order to find replications that use the same IP address and port number.

- 0x31086 (200838) qpERR_ABORT_QRC_NOT_EXIST_REPLICATION Undefined replication name. The replication name is not found in the database.

  - # *Cause:
  - # - The replication name is not found in the database.
  - # - The name is incorrect or the replication is not created yet.
  - # *Action:
  - # - Please make sure that the replication name is typed correctly.
  - # - Please look up meta tables to see if the same replication name exists in the database.
  - # - Please ask to DBA for more information.

- 0x31087 (200839) qpERR_ABORT_QRC_MAX_REPLICATION_COUNT No more replications are allowed to be created. A database can have up to the maximum number of replications.

  - # *Cause:
  - # - A database can have up to the maximum number of replications.
  - # *Action:
  - # - Please make sure that the system already has the maximum number of replications.

- 0x31088 (200840) qpERR_ABORT_QRC_NOT_EXISTS_PRIMARY_KEY A replicated table must have a primary key.

  - # *Cause:

- # - No primary key is found on the table to be replicated.
- # - For replication, please specify a table that has a primary key.
- # *Action:
- # - Please create a primary key on the table to be replicated.

- 0x31089 (200841) qpERR_ABORT_QRC_REPLICATION_ALREADY_STARTED The replication has already been started.

  - # *Cause:
  - # - The replication is currently running.
  - # *Action:
  - # - Please stop the current replication to start again.

- 0x3108A (200842) qpERR_ABORT_QRC_CANNOT_USE_META No replication is allowed on meta tables.

  - # *Cause:
  - # - It is impossible to replicate a meta table.
  - # *Action:
  - # - Please make sure that the table to be replicated is not a meta table.

- 0x3108B (200843) qpERR_ABORT_QRC_REPLICATE_TABLE_WITH_REFERENCE No replication is allowed to tables that have referential constraints.

  - # *Cause:
  - # - The user tried to replicate a table that has referential constraints.
  - # *Action:
  - # - Please make sure that the table to be replicated does not have any referential constraint.

- 0x311BB (201147) qpERR_ABORT_QRC_REPLICATED_OBJECT_TYPE A replicated object type must be a table. <0%s>

  - # *Cause:
  - # - Only a table is allowed to be replicated.
  - # *Action:
  - # - Please check the object type.

- 0x31196 (201110) qpERR_ABORT_QRC_NOT_EXIST_REPL_ITEM Replication items not found.

  - # *Cause:
  - # - No replication items are found.
  - # *Action:
  - # - Please check meta tables.

- 0x3111D (200989) qpERR_ABORT_QTC_TUPLE_SHORTAGE Too many DML statements in the stored procedure or the SQL query is too long.

  - # *Cause:
  - # - The internal tuple set has exhausted.
  - # *Action:
  - # - The query or stored procedure is too long. Please split the stored procedure or query.

- 0x3111E (200990) qpERR_ABORT_QTC_INVALID_AGGREGATION Invalid aggregation
  - # *Cause:
  - # - Invalid use of aggregation.
  - # *Action:
  - # - Please change the SQL statement.
- 0x3111F (200991) qpERR_ABORT_QTC_INVALID_ARGUMENT_TYPE Invalid argument type. <0%s>
  - # *Cause:
  - # - Invalid argument type
  - # *Action:
  - # - Please check the argument type.
- 0x31120 (200992) qpERR_ABORT_QTC_NO_HOSTVAR_ALLOWED No host variable is allowed here.
  - # *Cause:
  - # - No host variable is allowed here.
  - # *Action:
  - # - Please check the argument.
- 0x31002 (200706) qpERR_ABORT_QTC_MULTIPLE_ROWS A single-row subquery returns more than one row.
  - # *Cause: A single-row subquery returns more than one row.
  - # *Action: Please check the result record count of the subquery.
- 0x31209 (201225) qpERR_ABORT_QTC_TOO_MANY_TABLES Too many tables are referenced in a phrase.
  - # *Cause: A phrase (FROM, WHERE, etc) references over 32 tables.
  - # *Action: Check and modify a query not to reference over 32 tables.
- 0x31123 (200995) qpERR_ABORT_QCU_RESOURCE_BUSY Resource busy.(<0%s>)
  - # *Cause:
  - # - The resource is busy.
  - # *Action:
  - # - Please try again later.
- 0x3118C (201100) qpERR_ABORT_QCU_NO_SUCH_LATCH_OBJECT Procedure or function not found.
  - # *Cause:
  - # - The procedure or function is not found in the database.
  - # *Action:
  - # - Please make sure tha the name of procedure or function is correct.
- 0x3122D (201261) qpERR_ABORT_QCU_PSM_FILE_OPEN_LIMIT_EXCEED The number of opened file handles exceed the maximum limit.
  - # *Cause:

  - # - The number of opened file handles exceed the maximum limit.
  - # *Action:
  - # - Please Call FCLOSE_ALL function or change the PSM_FILE_OPEN_LIMIT property.

- 0x31126 (200998) qpERR_ABORT_QCI_INVALID_BINDING Invalid bindings to host variables

  - # *Cause:
  - # - An invalid binding to host variables has been detected.
  - # *Action:
  - # - Please check the bindings to host variables.

- 0x31127 (200999) qpERR_ABORT_QCI_BUFFER_FULL Buffer full in QCI

  - # *Cause:
  - # - Buffer full in QCI
  - # *Action:
  - # - Buffer full in QCI

- 0x311B8 (201144) qpERR_ABORT_QCI_INVALID_HOST_DATA_SIZE Invalid size of data to bind to a host variable [NO. <0%d> : Data Size = <1%d> , Declared Size of Host Variable = <2%d>]

  - # *Cause:
  - # - The size of data and the size of host variable differ.
  - # *Action:
  - # - Please check the size of data to bind to host variables.

- 0x31129 (201001) qpERR_ABORT_QSV_NOT_EXIST_PROC_SQLTEXT Procedure or function not found : <0%s>.

  - # *Cause:
  - # - The specified procedure or function name is not found in the database.
  - # *Action:
  - # - Please make sure that the procedure or function exists.

- 0x3112A (201002) qpERR_ABORT_QSV_DUPLICATED_PROC_NAME_SQLTEXT Duplicated procedure or function name <0%s>

  - # *Cause:
  - # - The procedure or function name to be created already exists in the database.
  - # *Action:
  - # - Please use another procedure or function name with a different name.

- 0x3112D (201005) qpERR_ABORT_QSV_DUPLICATE_PARAMETER_SQLTEXT Duplicated parameter names. <0%s>

  - # *Cause:
  - # - A parameter with the same name is already defined.
  - # *Action:
  - # - Please use different name for the parameter.

- 0x3112E (201006) qpERR_ABORT_QSV_PROC_HAVE_RETURN A procedure cannot have a RETURN type.

  - # *Cause:
  - # - The procedure has a RETURN type.
  - # *Action:
  - # - Please remove the specification of RETURN type on the procedure declaration.

- 0x3112F (201007) qpERR_ABORT_QSV_PROC_NOT_SUPPORTED_DATATYPE_SQLTEXT Unsupported data type on a parameter, RETURN type, or a local variable. <0%s>

  - # *Cause:
  - # - A procedure should not use an unsupported data type on a parameter, RETURN type, or a local variable.
  - # *Action:
  - # - Please verify the data type of parameter, RETURN type, and a local variable.

- 0x31131 (201009) qpERR_ABORT_QSV_PROC_HAVE_RETURN_VALUE_SQLTEXT A procedure cannot have a RETURN statement. <0%s>

  - # *Cause:
  - # - A procedure cannot have a RETURN statement.
  - # *Action:
  - # - Please remove RETURN statement from the precedure declaration.

- 0x31132 (201010) qpERR_ABORT_QSV_PROC_NOT_HAVE_RETURN_VALUE_SQLTEXT A function should return a value. <0%s>

  - # *Cause:
  - # - A function should return a value.
  - # *Action:
  - # - Please specify a return value on the RETURN statement.

- 0x31133 (201011) qpERR_ABORT_QSV_PROC_NOT_HAVE_RETURN_STMT A function should have a RETURN statement.

  - # *Cause:
  - # - A function should have a RETURN statement.
  - # *Action:
  - # - Please specify a RETURN statement.

- 0x31134 (201012) qpERR_ABORT_QSV_PROC_MULTIPLE_REC_TARGET_SQLTEXT Multiple RECORD types exist in INTO clause. <0%s>

  - # *Cause:
  - # - Multiple record type targets exist in INTO clause.
  - # *Action:
  - # - Please check the INTO clause.

- 0x31135 (201013) qpERR_ABORT_QSV_PROC_SELF_TYPE_SQLTEXT Recursive type declaration using %TYPE, %ROWTYPE <0%s>

  - # *Cause:
  - # - A recursive type declaration using %TYPE, %ROWTYPE has been detected.
  - # *Action:

  - # - Please check local variable declarations.

- 0x31136 (201014) qpERR_ABORT_QSV_PROC_NOT_EXIST_STMT_SQLTEXT The label statement should not be the last statement.<0%s>

  - # *Cause:
  - # - The label statement should not be the last statement.
  - # *Action:
  - # - Please specify another statement or NULL statement after the label.

- 0x31137 (201015) qpERR_ABORT_QSV_PROC_CANNOT_ASSIGN_SQLTEXT Mismatched number of fields in ROWTYPE expressions <0%s>

  - # *Cause:
  - # - The number of fields in L-value and R-value of a ROWTYPE assignment should be equal.
  - # *Action:
  - # - Please check the number of fields in the ROWTYPE variables.

- 0x31138 (201016) qpERR_ABORT_QSV_PROC_NOT_USE_IN_LOOP_SQLTEXT EXIT and CONTINUE statement should be used only in a loop. <0%s>

  - # *Cause:
  - # - EXIT or CONTINUE statement is used out of loop.
  - # *Action:
  - # - Please check the EXIT or CONTINUE statement.

- 0x31139 (201017) qpERR_ABORT_QSV_PROC_DUP_EXCEPTION_IN_HANDLER_SQLTEXT Duplicated exception handlers <0%s>

  - # *Cause:
  - # - An exception handler with the same name already exists in the block.
  - # *Action:
  - # - Please remove the duplicate exception handler in the block.

- 0x3113A (201018) qpERR_ABORT_QSV_PROC_NOT_EXIST_EXCEPTION_SQLTEXT Undefined exception name. <0%s>

  - # *Cause:
  - # - Undefined exception name
  - # *Action:
  - # - Please create an exception handler with the name.

- 0x3113B (201019) qpERR_ABORT_QSV_PROC_NOT_ALLOW_DEFAULT_SQLTEXT OUT or IN OUT parameters cannot have default values. <0%s>

  - # *Cause:
  - # - OUT or IN OUT parameters cannot have default values.
  - # *Action:
  - # - Please remove DEFAULT value specification on OUT or INT OUT parameters.

- 0x3113C (201020) qpERR_ABORT_QSV_PROC_NOT_LOOP_LABEL_SQLTEXT A label name in EXIT statement should point to a loop statement. <0%s>

  - # *Cause:
  - # - A label name in EXIT statement must be a label to a loop statement.
  - # *Action:
  - # - Please check the label name in EXIT statement.

- 0x3113D (201021) qpERR_ABORT_QSV_PROC_MAX_PARA_NUM_INT_ARG1 The number of parameters in a stored procedure or function exceeds the maximum limit (<0%d>).

  - # *Cause:
  - # - The number of parameters in a stored procedure or function exceeds the maximum limit.
  - # *Action:
  - # - Please verify the maximum number of parameters.

- 0x3113F (201023) qpERR_ABORT_QSV_PROC_ASSIGN_LVALUE_NO_READONLY_VAR_SQLTEXT The L-value of ASSIGN statement is either a CONSTANT variable or an IN parameter. <0%s>

  - # *Cause:
  - # - The L-value of the ASSIGN statement is a CONSTANT variable or an IN parameter.
  - # *Action:
  - # - Please check the L-value of the ASSIGN statement.

- 0x31140 (201024) qpERR_ABORT_QSV_NOT_ROWTYPE_EXPRESSION Not a ROWTYPE expression <0%s>

  - # *Cause:
  - # - Not a ROWTYPE expression
  - # *Action:
  - # - Please check the expression.

- 0x31142 (201026) qpERR_ABORT_QSV_PROC_SELECT_INTO_NO_READONLY_VAR_SQLTEXT INTO clause of the SELECT statement references a CONSTANT variable or an IN parameter. <0%s>

  - # *Cause:
  - # - INTO clause of the SELECT statement references a CONSTANT variable or an IN parameter.
  - # *Action:
  - # - Please check the INTO clause of the SELECT statement.

- 0x31143 (201027) qpERR_ABORT_QSV_CURSOR_NAME_IS_SQL_SQLTEXT A cursor name should not be "SQL". <0%s>

  - # *Cause :
  - # - A cursor name is defined as "SQL"
  - # *Action :
  - # - Please do not use a cursor name as "SQL"

- 0x31144 (201028) qpERR_ABORT_QSV_INSUFFICIENT_ARGUEMNT_SQLTEXT Insufficient arguments <0%s>

  - # *Cause:

  - # - Insufficient arguments
  - # *Action:
  - # - Please make sure that the number of arguments matches to parameter declaration.

- 0x31145 (201029) qpERR_ABORT_QSV_TOO_MANY_ARGUEMNT_SQLTEXT Too many arguments <0%s>

  - # *Cause:
  - # - Too many arguments
  - # *Action:
  - # - Please make sure that the number of arguments matches to parameter declaration.

- 0x31146 (201030) qpERR_ABORT_QSV_ROWTYPE_IN_EXPRESSION_SQLTEXT No ROWTYPE is allowed in this expression. <0%s>

  - # *Cause:
  - # - No ROWTYPE is allowed in this expression.
  - # *Action:
  - # - Please check the type of the local variable.

- 0x31147 (201031) qpERR_ABORT_QSV_INVALID_OUT_ARGUEMNT_SQLTEXT Invalid argument on OUT parameter <0%s>

  - # *Cause:
  - # - Invalid argument on OUT parameter
  - # *Action:
  - # - Please make sure that the argument is correct.

- 0x31148 (201032) qpERR_ABORT_QSV_NOT_EXIST_VARIABLE_NAME_SQLTEXT Undefined identifier <0%s>

  - # *Cause:
  - # - A variable, cursor, or exception name is undefined.
  - # *Action:
  - # - Please check variables, cursors, or exception names.

- 0x31149 (201033) qpERR_ABORT_QSV_DUPLICATE_VARIABLE_SQLTEXT Duplicate type or variable names : <0%s>

  - # *Cause:
  - # - A parameter, type, variable, cursor, or exception with the same name is already defined.
  - # *Action:
  - # - Please use a different name.

- 0x3114A (201034) qpERR_ABORT_QSV_PROC_NOT_CONSTANT_SQLTEXT A constant variable must have a DEFAULT value. <0%s>

  - # *Cause:
  - # - A constant variable must have a DEFAULT value.
  - # *Action
  - # - Please specify a DEFAULT value of the constant local variable.

- 0x3114B (201035) qpERR_ABORT_QSV_PROC_WRONG_CONSTANT_SQLTEXT A non-primitive type variable is not allowed to be defined as a CONSTANT variable. <0%s>

  — # *Cause:
  — # - A non-primitive variable is not allowed to be defined as a CONSTANT variable.
  — # *Action:
  — # - Please check the variable declaration.

- 0x3114C (201036) qpERR_ABORT_QSV_INAPPROPRIATE_INTO_SQLTEXT Inappropriate INTO clause. The INTO clause should be specified right next to the first target list of a SELECT statement. <0%s>

  — # *Cause:
  — # - The INTO clause should be specified right next to the first target list of a SELECT statement.
  — # *Action:
  — # - Please make sure that the INTO clause is right next to the target list of the SELECT statement.

- 0x3114D (201037) qpERR_ABORT_QSV_NOT_HAVE_INTO_SQLTEXT A SELECT statement in a procedure or function should have an INTO clause. <0%s>

  — # *Cause:
  — # - A SELECT statement in a procedure or function should have an INTO clause.
  — # *Action:
  — # - Please make sure that the SELECT statement has an INTO clause.

- 0x3114E (201038) qpERR_ABORT_QSV_PROC_WRONG_ROWTYPE_DEFINITION The declaration of the ROWTYPE attribute is invalid. <0%s>

  — # *Cause:
  — # - The declaration of the ROWTYPE attribute is invalid.
  — # *Action:
  — # - Please check the ROWTYPE attribute.

- 0x3114F (201039) qpERR_ABORT_QSV_MISMATCHED_INTO_LIST_SQLTEXT The number of columns in the target list and number of variables of INTO clause does not match. <0%s>

  — # *Cause:
  — # - The number of elements of the target list and INTO list does not match.
  — # *Action:
  — # - Please make sure that the number of columns and the number of variables exactly equal.

- 0x31150 (201040) qpERR_ABORT_QSV_USING_ATTR_IN_INAPPROPRIATE_CLAUSE A Cursor, cursor attribute, SQLCODE, or SQLERRM is used in an inappropriate clause.<0%s>

  — # *Cause:
  — # - A Cursor, cursor attribute, SQLCODE, or SQLERRM is used in an inappropriate clause.
  — # *Action:
  — # - Please, remove the cursor or the cursor attribute in the expression.

- 0x31185 (201093) qpERR_ABORT_QSV_NOT_ALLOWED_SUBQUERY_SQLTEXT A subquery is

not allowed here. <0%s>

- # *Cause:
- # - A subquery is not allowed here.
- # *Action:
- # - Please remove the subquery.

- 0x31188 (201096) qpERR_ABORT_QSV_NOT_CURSOR The argument of the CURSOR attribute is not a CURSOR. <0%s>

  - # *Cause:
  - # - The argument of the CURSOR attribute is not a CURSOR.
  - # *Action:
  - # - Please make sure that an argument of a CURSOR attribute is a CURSOR.

- 0x311B9 (201145) qpERR_ABORT_QSV_NOT_ALLOWED_COUNTER_VAR_SQLTEXT A counter variable is not allowed here. <0%s>

  - # *Cause:
  - # - A counter variable is not allowed here.
  - # *Action:
  - # - Please use another variable.

- 0x3120E (201230) qpERR_ABORT_QSV_DUPLICATE_LABEL Duplicate label name in same block. <0%s>

  - # *Cause:
  - # - The same label name exists in same block.
  - # *Action:
  - # - Please check the label name.

- 0x3120F (201231) qpERR_ABORT_QSV_ILLEGAL_GOTO Illegal GOTO statement. <0%s>

  - # *Cause:
  - # - The label does not defined or GOTO cannot branch to the label.
  - # *Action:
  - # - Please check the label.

- 0x31212 (201234) qpERR_ABORT_QSV_PROC_NOT_USE_IN_EXCEPTION_HANDLER A RAISE statement with no exception name must be inside an exception handler. <0%s>

  - # *Cause:
  - # - The program contains a RAISE statement that is not followed by an exception name: RAISE; and that statement is located outside of an exception handler.
  - # *Action:
  - # - Please check the RAISE statement.

- 0x31151 (201041) qpERR_ABORT_QSX_INTERNAL_SERVER_ERROR_ARG [QSX] Internal server error (<0%s>)

  - # *Cause:
  - # - Program Error
  - # *Action

- # - Please send a bug report to the vendor.

- 0x31153 (201043) qpERR_ABORT_QSX_ROWTYPE_ON_PARAM_NOT_ALLOWED_ERROR_SQLTEXT ROWTYPE is not allowed on a parameter declaration. <0%s>

  - # *Cause:
  - # - One or more parameters is declared as ROWTYPE.
  - # *Action
  - # - Please do not use ROWTYPE on parameters

- 0x31156 (201046) qpERR_ABORT_QSX_NOT_ENOUGH_MEMORY_ARG2 Not enough memory while executing stored procedure or function. <0%s> (requested size : <1%d>)

  - # *Cause:
  - # - Not enough memory
  - # *Action:
  - # - Please install more memory on the system.

- 0x31157 (201047) qpERR_ABORT_QSX_UNHANDLED_EXCEPTION Unhandled exception : <0%s>

  - # *Cause:
  - # - The exception is not handled.
  - # *Action:
  - # - Add an exception handler that corresponds to the raised exception.

- 0x31158 (201048) qpERR_ABORT_QSX_FUNCTION_WITH_NO_RETURN Not all controls of the <0%s> function return a value.

  - # *Cause:
  - # - Not all controls of the function return a value
  - # *Action:
  - # - Use RETURN statement to return a value

- 0x31159 (201049) qpERR_ABORT_QSX_STEP_SIZE_LE_ZERO_SQLTEXT Step size should be greater than 0 <0%s>

  - # *Cause :
  - # - The step size is less than 1.
  - # *Action :
  - # - Please make sure that the step size is greater than 0.

- 0x3115A (201050) qpERR_ABORT_QSX_TOO_HIGH_CALL_DEPTH_ARG1 Procedure or function call depth exceeds <0%d>.

  - # *Cause :
  - # - Too high call depth.
  - # *Action :
  - # - Please make sure that the base condition of a recursive call is valid.

- 0x3115B (201051) qpERR_ABORT_QSX_COMMIT_USING_QCI Stored procedure or function failed to commit using QCI interface.

  - # *Cause:
  - # - The stored procedure or function failed to commit.
  - # - This error is thrown only when Altibase is linked with QCI.
  - # *Action
  - # - Please send a bug report to the vendor

- 0x3115C (201052) qpERR_ABORT_QSX_ROLLBACK_USING_QCI Stored procedure or function failed to rollback using QCI interface.

  - # *Cause:
  - # - The stored procedure or function failed to rollback.
  - # - This error is thrown only when Altibase is linked with QCI.
  - # *Action
  - # - Please send a bug report to the vendor

- 0x3115E (201054) qpERR_ABORT_QSX_SQLTEXT_WRAPPER <0%s> <1%s>

  - # *Cause:
  - # - Internal use only
  - # *Action
  - # - Internal use only

- 0x31162 (201058) qpERR_ABORT_QSX_PLAN_DROPPED Procedure or function has been dropped while executing it.

  - # *Cause:
  - # - A related procedure or function has been dropped.
  - # *Action:
  - # - Please create the needed procedure or function again.

- 0x31163 (201059) qpERR_ABORT_QSX_PLAN_CHANGED Procedure or function has been changed while executing it.

  - # *Cause:
  - # - A related procedure or function has been changed.
  - # *Action:
  - # - Please recompile the needed procedure or function again.

- 0x31164 (201060) qpERR_ABORT_QSX_PLAN_INVALID Procedure or function has been invalidated while executing it.

  - # *Cause:
  - # - A related procedure or function has been invalidated.
  - # *Action:
  - # - Please recompile the needed procedure or function again.

- 0x31165 (201061) qpERR_ABORT_QSX_CONNECTION_CLOSED Client connection is closed.

  - # *Cause:
  - # - The client connection is closed.
  - # *Action:
  - # - The system aborts transaction.

- 0x31166 (201062) qpERR_ABORT_QSX_CURSOR_ALREADY_OPEN The CURSOR is already open.
  - # #Cause :
  - # - The CURSOR_ALREADY_OPEN exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.
- 0x31167 (201063) qpERR_ABORT_QSX_DUP_VAL_ON_INDEX Duplicate values on an index
  - # #Cause :
  - # - The DUP_VAL_ON_INDEX exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.
- 0x31168 (201064) qpERR_ABORT_QSX_INVALID_CURSOR Invalid CURSOR
  - # #Cause :
  - # - The INVALID_CURSOR exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.
- 0x31169 (201065) qpERR_ABORT_QSX_INVALID_NUMBER Invalid number
  - # #Cause :
  - # - The INVALID_NUMBER exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.
- 0x3116A (201066) qpERR_ABORT_QSX_NO_DATA_FOUND No data found.
  - # #Cause :
  - # - The NO_DATA_FOUND exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.
- 0x3116B (201067) qpERR_ABORT_QSX_PROGRAM_ERROR Program error
  - # #Cause :
  - # - The PROGRAM_ERROR exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.
- 0x3116C (201068) qpERR_ABORT_QSX_STORAGE_ERROR Storage error
  - # #Cause :
  - # - The STORAGE_ERROR exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.
- 0x3116D (201069) qpERR_ABORT_QSX_TIMEOUT_ON_RESOURCE Timeout on resource

  - # #Cause :
  - # - The TIMEOUT_ON_RESOURCE exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x3116E (201070) qpERR_ABORT_QSX_TOO_MANY_ROWS Too many rows

  - # #Cause :
  - # - The TOO_MANY_ROWS exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x3116F (201071) qpERR_ABORT_QSX_VALUE_ERROR Value error

  - # #Cause :
  - # - The VALUE_ERROR exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x31170 (201072) qpERR_ABORT_QSX_ZERO_DIVIDE Divide by zero.

  - # #Cause :
  - # - The ZERO_DIVIDE exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x31171 (201073) qpERR_ABORT_QSX_NOT_ENOUGH_MEMORY_ARG_SQLTEXT Not enough memory while executing the stored procedure or function. (Requested Size : <0%d>) <1%s>

  - # *Cause:
  - # - Not enough memory
  - # *Action:
  - # - Please install more memory on the system.

- 0x31172 (201074) qpERR_ABORT_QSX_NOT_SUPPORTED_SQLTEXT Unsupported statement <0%s>

  - # *Cause:
  - # - The statement is not supported.
  - # *Action:
  - # - Please do not use unsupported statements.

- 0x31184 (201092) qpERR_ABORT_QSX_STACK_OVERFLOW Mathematic stack overflow.

  - # *Cause:
  - # - Stack overflow
  - # *Action:
  - # - Please use ALTER SESSION SET STACK SIZE statement to increase the stack size.

- 0x31210 (201232) qpERR_ABORT_QSX_USER_DEFINED_EXCEPTION User-Defined Exception.

  - # *Cause:

  - # - User-defined Exception raised.
  - # *Action:
  - # - No Action.

- 0x31213 (201235) qpERR_ABORT_QSX_INVALID_FILEOPEN_MODE Invalid file open mode.

  - # *Cause :
  - # - The INVALID_MODE exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x31214 (201236) qpERR_ABORT_QSX_DIRECTORY_ACCESS_DENIED Directory access denied.

  - # *Cause :
  - # - The ACCESS_DENIED exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x31215 (201237) qpERR_ABORT_QSX_FILE_INVALID_PATH Invalid directory path.

  - # *Cause :
  - # - The INVALID_PATH exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x31216 (201238) qpERR_ABORT_QSX_FILE_INVALID_FILEHANDLE Invalid file handle.

  - # *Cause :
  - # - The INVALID_FILEHANDLE exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x31217 (201239) qpERR_ABORT_QSX_FILE_INVALID_OPERATION Invalid file operation.

  - # *Cause :
  - # - The INVALID_OPERATION exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x31218 (201240) qpERR_ABORT_QSX_FILE_DELETE_FAILED File remove operation failed.

  - # *Cause :
  - # - The DELETE_FAILED exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x31219 (201241) qpERR_ABORT_QSX_FILE_RENAME_FAILED File rename operation failed.

  - # *Cause :
  - # - The RENAME_FAILED exception is not handled in the stored procedure or function.

  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x3121A (201242) qpERR_ABORT_QSX_FILE_READ_ERROR File read error.

  - # *Cause :
  - # - The READ_ERROR exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x3121B (201243) qpERR_ABORT_QSX_FILE_WRITE_ERROR File write error.

  - # *Cause :
  - # - The WRITE_ERROR exception is not handled in the stored procedure or function.
  - # *Action :
  - # - Please create the exception handler or prevent the exception from being raised.

- 0x31231 (201265) qpERR_ABORT_QSX_UNSUPPORTED_ARRAY_INDEX_TYPE Unsupported array index type.

  - # *Cause :
  - # - In the INDEX BY clause of a array type declaration, a datatype other than INTEGER or VARCHAR was specified.
  - # *Action :
  - # - Use one of the supported key types(INTEGER or VARCHAR) in the INDEX BY clause.

- 0x3119F (201119) qpERR_ABORT_QCC_CANNOT_EXEC_DDL A DDL statement cannot be executed. Please check EXEC_DDL_DISABLE property.

  - # *Cause:
  - # - A DDL statement cannot be executed.
  - # *Action:
  - # - Please check EXEC_DDL_DISABLE property.

- 0x311B0 (201136) qpERR_ABORT_QDP_SELF_GRANT_OR_REVOKE A user cannot grant or revoke privileges to the same user.

  - # *Cause:
  - # - A user cannot grant or revoke privileges to the same user.
  - # *Action:
  - # - Please check the connected user and grantees.

- 0x311B1 (201137) qpERR_ABORT_QDP_INSUFFICIENT_PRIVILEGES The user should have <0%s> privilege(s) to execute this statement.

  - # *Cause:
  - # - The user should have sufficient privileges to execute this statement.
  - # *Action:
  - # - Please check the privileges.

- 0x311B2 (201138) qpERR_ABORT_QDP_REVOKE_PRIV_NOT_GRANTED Unable to revoke privileges that were not granted yet (Privilege ID = <0%d>).

- # *Cause:
- # - It is impossible to revoke privileges that were not granted yet.
- # *Action:
- # - Please check granted privileges.

- 0x311B3 (201139) qpERR_ABORT_QDP_DUPLICATE_GRANTEE Duplicate grantee names : <0%s>

  - # *Cause:
  - # - Duplicate grantee names
  - # *Action:
  - # - Please check the specified grantee name.

- 0x311B4 (201140) qpERR_ABORT_QDP_DUPLICATE_PRIVILEGE Duplicate privilege names : <0%s>

  - # *Cause:
  - # - Duplicate privilege names
  - # *Action:
  - # - Please check the specified privilege name.

- 0x311B5 (201141) qpERR_ABORT_QDP_WITHOUT_CASCADE_OPTION A user refers to the table.

  - # *Cause:
  - # - The CASCADE CONSTRAINTS option must be specified to perform this revoke statement.
  - # *Action:
  - # - Please specify CASCADE CONSTRAINTS option.

- 0x311B6 (201142) qpERR_ABORT_QDP_NOT_ALLOWED_PRIV <0%s> privilege is not allowed for this object.

  - # *Cause:
  - # - The privilege is not allowed for the object.
  - # *Action:
  - # - Please check the privilege.

- 0x311B7 (201143) qpERR_ABORT_QDP_NOT_EXISTS_OBJECT Object not found. The name of the specified object is not found in the database. <0%s>

  - # *Cause:
  - # - The name of the specified object is not found in the database.
  - # *Action:
  - # - Please make sure that the object exists in the database.

- 0x311BA (201146) qpERR_ABORT_QMO_TERM_TOOMANY Normalized term is too big.

  - # *Cause:
  - # - After the term gets normalized, its size grows too big.
  - # *Action:
  - # - Please tune the query string.

- 0x311BF (201151) qpERR_ABORT_QDP_NO_GRANT_DML_PRIV_OF_META_TABLE Unable to insert, delete, or update meta tables.

  — # *Cause:
  — # - It is not allowed to insert, delete, or update meta tables.
  — # *Action:
  — # - Please check the name and type of the table.

- 0x31206 (201222) qpERR_ABORT_QDP_EXISTS_PRIVILEGE <0%s> already has a privilege (Privilege ID = <1%d>).

  — # *Cause:
  — # - You grant privilege to a grantee who already has a privilege.
  — # *Action:
  — # - Please, check grantee's privileges.

- 0x3122F (201263) qpERR_ABORT_QDP_NOT_EXIST_PRIVILEGE A Privilege does not exist. <0%s>

  — # *Cause:
  — # - The privilege does not exist in database.
  — # *Action:
  — # - Please verify that the name of privilege is correct.
  — # - Please reference SQL User's manual.

- 0x311BC (201148) qpERR_ABORT_QDV_ALIAS_NAME_IS_LEVEL "LEVEL" cannot be used as an alias name. <0%s>

  — # *Cause:
  — # - "LEVEL" cannot be used as an alias name.
  — # *Action:
  — # - Please specify another alias name.

- 0x311BD (201149) qpERR_ABORT_QCV_DML_ON_READ_ONLY_VIEW No DML statement is allowed on a read-only view. <0%s>

  — # *Cause:
  — # - No DML statement is allowed on a read-only view.
  — # *Action:
  — # - Please make sure that the view is not read-only.

- 0x311BE (201150) qpERR_ABORT_QDV_INVALID_VIEW The view is invalid. <0%s>

  — # *Cause:
  — # - The view is invalid.
  — # *Action:
  — # - Please recompile the view.

- 0x311C1 (201153) qpERR_ABORT_QDV_NOT_EXISTS_VIEW View not found

  — # *Cause:
  — # - The name of the specified view is not found in the database.
  — # *Action:

  - # - Make sure that the view name is correct.

- 0x311C2 (201154) qpERR_ABORT_QDV_CIRCULAR_VIEW Circular view definition detected <0%s>

  - # *Cause:
  - # - Circular view definition has been detected.
  - # *Action:
  - # - Please remove the circular view definition.

- 0x3122C (201260) qpERR_ABORT_QDV_DDL_ON_VIEW A view is not appropriate here. <0%s>

  - # *Cause:
  - # - A view is not appropriate here.
  - # *Action:
  - # - Please make sure that the specified table is not a view.

- 0x311D7 (201175) qpERR_ABORT_QDT_DUPLICATE_TBS_NAME Duplicate tablespace names

  - # *Cause:
  - # - Duplicate tablespace names
  - # *Action:
  - # - Please check the specified tablespace name.

- 0x311D8 (201176) qpERR_ABORT_QDT_NOT_EXIST_TBS Tablespace not found. The name of the specified tablespace is not found in the database.

  - # *Cause:
  - # - The name of the specified tablespace is not found in the database.
  - # *Action:
  - # - Please make sure that the tablespace exists in the database.
  - # Please make sure that there is no typo on the tablespace name.

- 0x311D9 (201177) qpERR_ABORT_QDT_NOT_EXIST_FILE File not found. The name of the specified file is not found in the database.

  - # *Cause:
  - # - The name of the specified file is not found in the database.
  - # *Action:
  - # - Please make sure that the file exists in the database.
  - # Please make sure that there is no typo on the file name.

- 0x311DA (201178) qpERR_ABORT_QDT_MISMATCH_TBS_TYPE Mismatched tablespace type. The type of the tablespace and the file is different.

  - # *Cause: The type of the tablespace and the file is different.
  - # *Action: Please provide a suitable type for the tablespace and file.

- 0x311DB (201179) qpERR_ABORT_QDT_NO_DROP_SYSTEM_TBS Unable to drop SYSTEM tablespace.

  - # *Cause:
  - # - It is not allowed to drop SYSTEM tablespace.

  - # *Action:
  - # - Please check the tablespace name.

- 0x311DC (201180) qpERR_ABORT_QDT_REFERENTIAL_CONSTRAINT_EXIST Dependent foreign key constraint found in another tablespace

  - # *Cause:
  - # - An object in another tablespace depends on an object in the specified tablespace by foreign key constraints.
  - # *Action:
  - # - Please drop the dependent object first, and try to execute this statement again.

- 0x311DD (201181) qpERR_ABORT_QDT_OBJECT_EXIST The tablespace has objects.

  - # *Cause:
  - # - The tablespace has objects.
  - # *Action:
  - # - Please ask to the DBA for more information on this error.

- 0x311DE (201182) qpERR_ABORT_QDT_NO_CREATE_IN_SYSTEM_TBS It is not allowed to create INDEX on UNDO or TEMP tablespace.

  - # *Cause:
  - # - It is not allowed to create INDEX on UNDO or TEMP tablespace.
  - # *Action:
  - # - Please ask to the DBA for more information on this error.

- 0x311DF (201183) qpERR_ABORT_QDT_NO_ACCESS_TBS You cannot access the tablespace.

  - # *Cause:
  - # - You cannot access the tablespace.
  - # *Action:
  - # - Please ask to the DBA for more information on this error.

- 0x311E0 (201184) qpERR_ABORT_QDX_MAXIMUM_KEY_SIZE_EXCEED The estimated size of the index key exceeds the maximum limit.

  - # *Cause:
  - # - The estimated size of the index key exceeds the maximum limit.
  - # *Action:
  - # - Please reduce the number of key columns.

- 0x311E1 (201185) qpERR_ABORT_QDB_INVALID_INSERT_HIGH_LIMIT Invalid INSERT HIGH LIMIT

  - # *Cause:
  - # - A INSERT HIGH LIMIT value must be between 0 and 100.
  - # *Action:
  - # - Please check INSERT HIGH LIMIT value.

- 0x311E2 (201186) qpERR_ABORT_QDB_INVALID_INSERT_LOW_LIMIT Invalid INSERT LOW LIMIT

- # *Cause:
- # - A INSERT LOW LIMIT value must be between 0 and 100.
- # *Action:
- # - Please check INSERT LOW LIMIT value.

- 0x311E3 (201187) qpERR_ABORT_QDT_ERR_INVALID_DATA_TBS Invalid data tablespace

  - # *Cause:
  - # - The tablespace is not a data tablespace.
  - # *Action:
  - # - Please check the tablespace name.

- 0x311E4 (201188) qpERR_ABORT_QDT_ERR_INVALID_TEMP_TBS Invalid temporary tablespace

  - # *Cause:
  - # - The tablespace is not a temporary tablespace.
  - # *Action:
  - # - Please check the tablespace name.

- 0x311E5 (201189) qpERR_ABORT_QDB_NO_MEMORY_TABLE The table is not a memory table.

  - # *Cause:
  - # - The table is not a memory table.
  - # *Action:
  - # - Please check the table name.

- 0x311E6 (201190) qpERR_ABORT_QDX_UNSUPPORTED_INDEXTYPE Unsupported index type.

  - # *Cause:
  - # - R-tree is not supported on a disk tablespace.
  - # *Action:
  - # - Please check the type of the index.

- 0x311E7 (201191) qpERR_ABORT_QDT_CANNOT_ONOFFLINE Unable to online/offline the specified tablespace.

  - # *Cause:
  - # - The specified tablespace is not a user or temp tablespace.
  - # *Action:
  - # - Please check the specified tablespace.

- 0x311E8 (201192) qpERR_ABORT_QDT_INVALID_NEXT_SIZE Invalid NEXT SIZE.

  - # *Cause:
  - # - The specified NEXT SIZE is invalid.
  - # *Action:
  - # - Check the specified NEXT SIZE.

- 0x311E9 (201193) qpERR_ABORT_QCV_NOT_ALLOWED_GROUPING_SET Grouping set is not allowed.

  - # *Cause:

  - # - Grouging set is not allowed.
  - # *Action:
  - # - Please make sure that no grouping set is used.

- 0x311EA (201194) qpERR_ABORT_QDT_EXIST_FILE The specified file is already in use by another tablespace.

  - # *Cause:
  - # - The specified file is already in use by another tablespace.
  - # *Action:
  - # Please try again later.

- 0x311EC (201196) qpERR_ABORT_QDX_INVALID_INDEX_MEDIA The memory[/disk] index can not be created on the disk[/memory] table.

  - # *Cause:
  - # - The user tried to create memory(/disk) index on disk(/memory) table.
  - # *Action:
  - # - To create an index, please use a memory tablespace for a memory table,
  - # or a disk tablespace for a disk table.

- 0x311ED (201197) qpERR_ABORT_QDN_NOT_ALLOWED_PRIMARY_AND_UNIQUE_KEY Unable to create a primary key or a unique key constraint on the data type. <0%s>

  - # *Cause:
  - # - The user tried to create a primary key or a unique key constraint in the specified(GEOMETRY) data type.
  - # *Action:
  - # - Please do not create a primary key or a unique key constraint in the specified(GEOMETRY) data type.

- 0x31200 (201216) qpERR_ABORT_QDT_INVALID_EXTENTSIZE A extent size EXTENTSIZE should be greater than PAGESIZE * 2.

  - # *Cause:
  - # - The user tried to create a tablespace with invalid(too small) extent size.
  - # *Action:
  - # - Please create a tablespace with valid (greater than PAGESIZE * 2) extent size.

- 0x311EE (201198) qpERR_ABORT_TRIGGER_INVALID_REFERENCING_GRANULARITY REFERENCING clause can be used only in FOR EACH ROW action granularity.

  - # *Cause:
  - # - REFERENCING clause is used without FOR EACH ROW option.
  - # *Action:
  - # - Please use FOR EACH ROW option.

- 0x311EF (201199) qpERR_ABORT_TRIGGER_UNSUPPORTED_EVENT_TIMING Unsuported trigger event timing. BEFORE trigger event timing is not supported yet. Please use AFTER trigger event timing instead.

  - # *Cause:
  - # - BEFORE trigger event timing is used.

- # *Action:
- # - Please do not use BEFORE trigger event timing.

- 0x311F1 (201201) qpERR_ABORT_TRIGGER_DUPLICATED_NAME Duplicated trigger names <0%s>

  - # *Cause:
  - # - The same trigger name already exists in the database.
  - # *Action:
  - # - Please use another trigger name.

- 0x311F2 (201202) qpERR_ABORT_TRIGGER_NOT_EXIST Trigger not found <0%s>

  - # *Cause:
  - # - The trigger does not exist.
  - # *Action:
  - # - Please check the trigger name.

- 0x311F3 (201203) qpERR_ABORT_TRIGGER_INVALID_REFERENCING Invalid referencing keyword on DML event

  - # *Cause:
  - # - NEW[/OLD] referencing keyword can not be used on DELETE[/INSERT] event.
  - # *Action:
  - # - In DELETE, please use OLD referencing keyword.
  - # - In INSERT, please use NEW referencing keyword.

- 0x311F5 (201205) qpERR_ABORT_TRIGGER_WHEN_SUBQUERY A subquery in WHEN condition is not allowed.

  - # *Cause:
  - # - WHEN Condition has a subquery.
  - # *Action:
  - # - Please do not use a subquery in WHEN condition

- 0x311F6 (201206) qpERR_ABORT_TRIGGER_PSM A trigger cannot invoke a stored procedure or function <0%s>.

  - # *Cause:
  - # - A trigger cannot invoke a stored procedure or function.
  - # *Action:
  - # - Please do not use a stored procedure or function in the trigger

- 0x311F7 (201207) qpERR_ABORT_TRIGGER_INVALID_ACTION_STMT The action body of the trigger cannot contain a restricted statement. <0%s>

  - # *Cause:
  - # - The action body of the trigger contains transaction control statement or a invocation to a stored procedure or function.
  - # *Action:
  - # - Please do not use transaction control statement.
  - # - Please do not invoke a stored procedure or function.

- 0x311F8 (201208) qpERR_ABORT_TRIGGER_CYCLE_DETECTED The action body of the trigger cannot contain a cyclic modification.

  — # *Cause:
  — # - The action body of the trigger contains a cyclic modification.
  — # *Action:
  — # - Please remove the cyclic modification from the action body of the trigger.

- 0x311F9 (201209) qpERR_ABORT_TRIGGER_RECOMPILE Recompiling the trigger, <0%s> has failed because it was invalid.

  — # *Cause:
  — # - Recomipling the trigger has failed because it was invalid.
  — # *Action:
  — # - Please check the trigger creation statement.

- 0x311FA (201210) qpERR_ABORT_TRIGGER_UNSUPPORTED Unsupported trigger feature. <0%s>

  — # *Cause:
  — # - Unsupported trigger feature (Ex> BEFORE Event, TABLE Referencing)
  — # *Action:
  — # - Please do not use the unsupported feature of trigger.

- 0x311FB (201211) qpERR_ABORT_TRIGGER_WHEN_REFERENCING WHEN condition requires REFERENCING clause.

  — # *Cause:
  — # - WHEN condition is used without REFERENCING clause.
  — # *Action:
  — # - Please use WHEN condition with REFERENCING clause.

- 0x311FC (201212) qpERR_ABORT_TRIGGER_INVALID_TABLE_NAME Invalid object for trigger. <0%s>

  — # *Cause:
  — # - The user tried to create a trigger on a non-user table, for example, sequence, view, etc.
  — # *Action:
  — # - Please use a normal user table.

- 0x311FD (201213) qpERR_ABORT_NO_DDL_FOR_META No DDL(data definition language) allowed on a meta table

  — # *Cause:
  — # - DDL execution on a meta table is not allowed.
  — # *Action:
  — # - Please do not execute a DDL statement on a meta table.

- 0x3122E (201262) qpERR_ABORT_INVALID_TRIGGER_TYPE Invalid trigger type

  — # *Cause:
  — # - An invalid trigger type was used
  — # *Action:

- # - Specify either INSER, UPDATE or DELETE.
- # SYNONYM ERROR CODE

- 0x31207 (201223) qpERR_ABORT_NOT_FOUND_SYNONYM The specified synonym is not found

  - # *Cause:
  - # - Synonym does not exist
  - # *Action:
  - # - Please check the statement

- 0x31208 (201224) qpERR_ABORT_SAME_SYNONYM Unable to create a synonym with same name as object

  - # *Cause:
  - # - The synonym and target object is same.
  - # *Action:
  - # - Please check the statement

- 0x3118D (201101) qpERR_ABORT_QSF_FUNCTION_NOT_ALLOWED This function is executable only in execute procedure/function statement.

  - # *Cause:
  - # - The function is called in DML.
  - # *Action:
  - # - Use function only in the execute statement.

- 0x3120C (201228) qpERR_ABORT_QSF_INVALID_FILEOPEN_MODE Invalid file open mode.

  - # *Cause:
  - # - An invalid value was specified for file open mode.
  - # *Action:
  - # - Correct the mode to be one of the values: 'r', 'a', or 'w'.

- 0x3120D (201229) qpERR_ABORT_QSF_DIRECTORY_ACCESS_DENIED Directory access denied.

  - # *Cause: - A directory object was specified for which no access is granted.
  - # *Action: - Grant access to the directory object by issuing the statement GRANT READ[WRITE] ON DIRECTORY [object] TO [username];

- 0x31211 (201233) qpERR_ABORT_QSF_INVALID_ERROR_RANGE Error number argument to raise_application_error of <0%d> is out of range.

  - # *Cause:
  - # - An attempt was made to specify a number not in the allowed range.
  - # *Action:
  - # - Use an error number in the range of 990000 to 991000, inclusive.

- 0x31227 (201255) qpERR_ABORT_QSF_INVALID_IPADDRESS The internet address is incorrectly formed or is non-existent.

  - # *Cause:

  - # - The internet address is incorrectly formed or is non-existent.
  - # *Action:
  - # - Please enter the internet address in its correct form and retry.

- 0x31228 (201256) qpERR_ABORT_QSF_INVALID_PORT The port number is not valid.

  - # *Cause:
  - # - The port number is out of range.
  - # *Action:
  - # - Please enter a valid(positive integer value between 1025 and 65535) port number and retry.

- 0x31229 (201257) qpERR_ABORT_QSF_INVALID_TTL The ttl is not valid.

  - # *Cause:
  - # - The ttl is out of range.
  - # *Action:
  - # - Please enter a valid(positive integer value between 0 and 255) ttl and retry.

- 0x3122A (201258) qpERR_ABORT_QSF_SOCKET_FAILED Failed to SENDMSG due to failure in opening or setting the socket.

  - # *Cause:
  - # - The system failed to opening or setting the socket.
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x3122B (201259) qpERR_ABORT_QSF_SENDMSG_FAILED Failed to SENDMSG due to an internal error while doing the actual send.

  - # *Cause:
  - # - The system failed to SENDMSG.
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x3121F (201247) qpERR_ABORT_QDQ_QUEUE_ALTER_DENIED Cannot alter queue table

  - # *Cause: - Queue table cannot alter by alter table
  - # *Action: - Use drop queue / create queue

- 0x31220 (201248) qpERR_ABORT_QDQ_QUEUE_DML_DENIED Cannot execute DML on queue table

  - # *Cause: - Cannot Execute DML on Queue Table
  - # *Action: - Use enqueue / dequeue instead

- 0x31221 (201249) qpERR_ABORT_QDQ_TABLE_ENQUEUE_DENIED Cannot use enqueue statement on a normal table

  - # *Cause: - Cannot use enqueue statement on a normal table
  - # *Action: - Check Your SQL Statement.

- 0x31222 (201250) qpERR_ABORT_QDQ_TABLE_DEQUEUE_DENIED Cannot use dequeue statement on a normal table

  - # *Cause: - Cannot use denqueue statement on a normal table
  - # *Action: - Check Your SQL Statement.

- 0x31223 (201251) qpERR_ABORT_QDQ_TABLE_DROP_QUEUE_DENIED Cannot use drop queue statement on a normal table

  - # *Cause: - Cannot use denqueue statement on a normal table
  - # *Action: - Check Your SQL Statement.

- 0x31224 (201252) qpERR_ABORT_QDQ_QUEUE_DROP_TABLE_DENIED Cannot use drop table statement on a queue table

  - # *Cause: - Cannot use denqueue statement on a normal table
  - # *Action: - Check Your SQL Statement.

- 0x31225 (201253) qpERR_ABORT_QDQ_QUEUE_NAME_TOO_LONG Queue name length is too long

  - # *Cause: - Cannot create queue with queue name length is greater than 28
  - # *Action: - Check Your SQL Statement.

- 0x31226 (201254) qpERR_ABORT_QDQ_QUEUE_DEQUEUE_SUBQ_EXIST Subquery exist in dequeue statement

  - # *Cause: - cannot use subquery in dequeue statement.
  - # *Action: - Check Your SQL Statement.

- 0x31238 (201272) qpERR_ABORT_QDN_MISMATCHED_REFERENCING_COLUMN_COUNT Number of referencing columns must match number of referenced columns.

  - # *Cause:
  - # - The number of referencing columns that you listed did not match the primary key or unique key.
  - # *Action:
  - # - Please check the referencing columns that you listed.

- 0x3123C (201276) qpERR_ABORT_QDX_INVALID_INDEX_COLS Invalid key columns on an index

  - # *Cause:
  - # - Invalid key columns in an index
  - # *Action:
  - # - Please check the key columns

- 0x3123D (201277) qpERR_ABORT_QMV_USE_INCOMPARABLE_DATA_TYPE_WITH_SET An incomparable data type(GEOMETRY,LOB) cannot be used in a SELECT statement that contains a UNION, INTERSECT or MINUS operation. <0%s>

  - # *Cause:
  - # - An incomparable data type(GEOMETRY,LOB) cannot be used in a SELECT statements that contains a UNION, INTERSECT or MINUS operation.
  - # *Action:
  - # - Please do not use incomparable data types (GEOMETRY,LOB) in SET operations.

- 0x3123E (201278) qpERR_ABORT_QMV_USE_INCOMPARABLE_DATA_TYPE_WITH_DISTINCT An incomparable data type(GEOMETRY,LOB) cannot be used in a SELECT statement that has a DISTINCT clause.
  - # *Cause:
  - # - An incomparable data type (GEOMETRY,LOB) cannot be used in a SELECT statement having a DISTINCT clause.
  - # *Action:
  - # - Please do not use incomparable data types (GEOMETRY,LOB) with the DISTINCT option.
- 0x3123F (201279) qpERR_ABORT_TOO_LONG_IDENTIFIER_NAME The identifier name is too long
  - # *Cause: Too long identifier name
  - # *Action: Please give the identifier a shorter name.
- 0x31240 (201280) qpERR_ABORT_INVALID_STATEMENT_STATE_ERROR Invalid request to process the SQL statement
  - # *Cause: A request of operation on a SQL statement that was freed
  - # *Action: Please send a bug report to the vendor.
- 0x31241 (201281) qpERR_ABORT_QCP_INVALID_SYSDBA_OPTION Invalid SYSDBA option.
  - # *Cause:
  - # - Invalid SYSDBA option.
  - # *Action:
  - # - Usage: CONNECT username/password [AS SYSDBA]
- 0x31242 (201282) qpERR_ABORT_QCP_INVALID_BUFFER_OPTION Only one BUFFER or NOBUFFER clause may be specified.
  - # *Cause:
  - # - Duplicate BUFFER options.
  - # *Action:
  - # - Please check the BUFFER option.
- 0x31243 (201283) qpERR_ABORT_QDB_MISMATCHED_LOB_TYPE_COLUMN Mismatched LOB type column <0%s>
  - # *Cause:
  - # - A LOB type column mismatch has occurred.
  - # *Action:
  - # - Please check the column specification.
- 0x31244 (201284) qpERR_ABORT_QDB_NOT_FOUND_LOB_TYPE_COLUMN LOB type column not found.
  - # *Cause:
  - # - The specified LOB type column was not found in the table.
  - # *Action:
  - # - Please check the LOB type column specification.

- 0x31245 (201285) qpERR_ABORT_QDT_NO_CREATE_LOB_TYPE_IN_TBS Unable to create a LOB type column with the specified tablespace.

  — # *Cause:
  — # - Unable to create a LOB type column with the specified tablespace.
  — # *Action:
  — # - Please check the specified tablespace.

- 0x31246 (201286) qpERR_ABORT_QMV_NOT_ALLOWED_INCOMPARABLE_DATA_TYPE Incomparable data types(GEOMETRY,LOB) cannot be used in ORDER BY, GROUP BY, HAVING and CONNECT BY clauses.

  — # *Cause:
  — # - Incomparable data types (GEOMETRY,LOB) cannot be used in ORDER BY, GROUP BY, HAVING and CONNECT BY clause.
  — # *Action:
  — # - Please do not use incomparable data types (GEOMETRY,LOB) in GROUP BY and CONNECT BY clauses.

- 0x312FC (201468) qpERR_ABORT_QDB_COMMENT_TOO_LONG Comment string is too long.

  — # *Cause:
  — # - Comment string is too long. It must not exceed 4000 byte.
  — # *Action:
  — # - Please check the length of comment string.

- 0x312FD (201469) qpERR_ABORT_QDB_COMMENT_NOT_SUPPORT_SEQUENCE Sequences may not contain comments. <0%s>

  — # *Cause:
  — # - Comment statments are not supported in Sequences.
  — # *Action:
  — # - Please check the object type.

- 0x312FE (201470) qpERR_ABORT_QDB_COMMENT_NOT_SUPPORT_PSM PSMs may not contain comments. <0%s>

  — # *Cause:
  — # - Comment statments are not supported in PSMs.
  — # *Action:
  — # - Please check the object type.

- 0x312FF (201471) qpERR_ABORT_QDB_COMMENT_NOT_SUPPORT_OBJ This Object may not contain comments. <0%s>

  — # *Cause:
  — # - Comment statements are only supported for User Tables and Views.
  — # *Action:
  — # - Please check the object type.

- 0x31319 (201497) qpERR_ABORT_CIRCULAR_SYNONYM Circular synonym definition detected. <0%s>

- # *Cause:
- # - The synonym is forms a circular loop.
- # *Action:
- # - Please check the synonym definition.

- 0x3131B (201499) qpERR_ABORT_SYNONYM_RESOLVE_OVERFLOW Over <0%s> consecutive synonyms cannot be resolved. <1%s>

  - # *Cause:
  - # - A large number of consecutive synonyms cannot be resolved.
  - # *Action:
  - # - Please check the statement

QP RETRY

- 0x331FE (209406) qpERR_REBUILD_QMX_TOO_OLD_PLANTREE The plan tree is too old

  - # *Cause:
  - # - The plan tree is too old
  - # *Action:
  - # - No action. The plan tree will be automatically recompiled.

- 0x332A0 (209568) qpERR_REBUILD_QCU_RESOURCE_BUSY Resource busy.

  - # *Cause:
  - # - The resource is busy.
  - # *Action:
  - # - No Action.

- 0x33247 (209479) qpERR_REBUILD_QCI_PROC_INVALID Procedure or function has been invalidated while executing it.

  - # *Cause:
  - # - A related procedure or function has been invalidated.
  - # *Action:
  - # - Please recompile the needed procedure or function again.

- 0x33249 (209481) qpERR_REBUILD_QCI_EXEC The statement has failed while executing it.

  - # *Cause:
  - # - The statement has failed while executing it.
  - # *Action:
  - # - No action. The statement will be automatically rebuild.

MM Error Code

MM FATAL

- 0x40001 (262145) mmERR_FATAL_MEMORY_ERROR Not enough memory
  - # *Cause: Not enough memory
  - # *Action: Please make sure that the system has enough main memory and restart the system.
- 0x4000F (262159) mmERR_FATAL_LOAD_MSB_ERROR Unable to load the message file <0%s>
  - # *Cause: The system failed to find a "msb" file or open the file.
  - # *Action: Please make sure that the "msb" file is in the "msg" directory.
- 0x40013 (262163) mmERR_FATAL_MAXHANDLE_ERROR Unable to get the maximum number of file handles
  - # *Cause: It is impossible to retrieve the maximum number of file descriptors allowed to this system.
  - # *Action: Please send a bug report to the vendor.
- 0x40015 (262165) mmERR_FATAL_SIGNAL_SET_ERROR Unable to install a signal handler.
  - # *Cause: It is impossible to set the signal handler.
  - # *Action: Please send a bug report to the vendor.
- 0x40018 (262168) mmERR_FATAL_NO_ADMIN_CONNECT_ERROR No connection request from SYSDBA while starting the server.
  - # *Cause: The SYSDBA does not request a connection while starting the server.
  - # *Action: Please send a bug report to the vendor.
- 0x4001B (262171) mmERR_FATAL_SETLIMIT_ERROR Failed to invoke a system function, setlimit()
  - # *Cause: An error occurred while invoking the setlimit() function.
  - # *Action: Please send a bug report to the vendor.
- 0x4001C (262172) mmERR_FATAL_GETLIMIT_ERROR Failed to invoke a system function, getlimit()
  - # *Cause: An error occurred while invoking the getlimit() function.
  - # *Action: Please send a bug report to the vendor.
- 0x40028 (262184) mmERR_FATAL_FLOCK_INIT Failed to invoke a system function, flock_init() <0%s>
  - # *Cause:
  - # - The flock_init() system call failed.
  - # *Action: Please send a bug report to the vendor.
- 0x4005B (262235) mmERR_FATAL_FLOCK_DESTROY Failed to invoke a system function,

flock_destroy() <0%s>

- # *Cause:
- # - The flock_destroy() system call failed.
- # *Action: Please send a bug report to the vendor.

- 0x40029 (262185) mmERR_FATAL_FLOCK_TRYWRLOCK Failed to invoke a system function, flock_trywrlock()

  - # *Cause:
  - # - The flock_trywrlock() system call failed.
  - # *Action: Please send a bug report to the vendor.

- 0x4005D (262237) mmERR_FATAL_FLOCK_WRLOCK Failed to invoke a system function, flock_wrlock()

  - # *Cause:
  - # - The flock_wrlock() system call failed.
  - # *Action: Please send a bug report to the vendor.

- 0x4002A (262186) mmERR_FATAL_FLOCK_UNLOCK Failed to invoke a system function, flock_unlock()

  - # *Cause:
  - # - The flock_unlock() system call failed.
  - # *Action: Please send a bug report to the vendor.

- 0x40030 (262192) mmERR_FATAL_INTERNAL_ERROR Internal server error

  - # *Cause: The system encountered an internal server error.
  - # *Action: Please send a bug report to the vendor.

- 0x40051 (262225) mmERR_FATAL_THREAD_JOIN Failed to invoke a system function, thr_join()

  - # *Cause: The system failed to join Thread
  - # *Action: Please send a bug report to the vendor.

- 0x40052 (262226) mmERR_FATAL_THREAD_CONDITION_INIT Failed to invoke a system function, cond_init()

  - # *Cause: The system failed to invoke cond_init().
  - # *Action: Please send a bug report to the vendor.

- 0x40053 (262227) mmERR_FATAL_THREAD_CONDITION_SIGNAL Failed to invoke a system function, cond_signal()

  - # *Cause: The system failed to invoke cond_signal().
  - # *Action: Please send a bug report to the vendor.

- 0x40054 (262228) mmERR_FATAL_THREAD_CONDITION_DESTROY Failed to invoke a system function, cond_destroy()

  - # *Cause: Use of invalid condition value
  - # *Action: Please send a bug report to the vendor.

- 0x40060 (262240) mmERR_FATAL_OSFileSizeLimit_ERROR The maximum file size of OS is less than that of property. Decrease the property of file size.

  — # *Cause: The maximum file size of OS is less than that of property.
  — # *Action: Please decrease the property of file size

- 0x40068 (262248) mmERR_FATAL_THREAD_CONDITION_WAIT Failed to invoke a system function, cond_wait()

  — # *Cause: The system failed to invoke cond_wait() function.
  — # *Action: Please send a bug report to the vendor.

- 0x4006A (262250) mmERR_FATAL_THREAD_CONDITION_BROADCAST Failed to invoke a system function, cond_broadcast()

  — # *Cause: The system failed to invoke cond_broadcast() function.
  — # *Action: Please send a bug report to the vendor.

- 0x4006C (262252) mmERR_FATAL_SOCKET_CREATE_FAILED Unable to create socket

  — # *Cause: Unable to create socket
  — # *Action: Too many file opened. Please change the system parameter.

- 0x4006D (262253) mmERR_FATAL_SOCKET_BIND_FAILED Unable to bind socket

  — # *Cause: Either the port is already bound or unable to bind the port because of system limitation.
  — # *Action: Please use another port.

- 0x40081 (262273) mmERR_FATAL_INTERNAL_SERVER_ERROR_ARG Internal server error (<0%s>)

  — # *Cause:
  — # - The System encountered an internal server error.
  — # *Action
  — # - Please send a bug report to the vendor

- 0x40084 (262276) mmERR_FATAL_MEMORY_ERROR_ARG2 Not enough memory. <0%s> (requested size : <1%d>)

  — # *Cause:
  — # - Not enough memory
  — # *Action:
  — # - Please make sure that the system has enough system memory.

- 0x40086 (262278) mmERR_FATAL_CRYPT_NOT_SUPPORTED Unsupported encryption scheme.

  — # *Cause:
  — # - Internal server error
  — # *Action:
  — # - Please send a bug report to the vendor.

MM ABORT

- 0x4101D (266269) mmERR_ABORT_MMX_MODULE_NOT_FOUND An external module is not found.
  - # *Cause:
  - # - The external module is not found.
  - # *Action:
  - # - Please make sure that the external module is linked correctly.
- 0x4101E (266270) mmERR_ABORT_MMX_MODULE_NOT_INITIALIZED An external module is not initialized yet.
  - # *Cause:
  - # - An external module is not initialized yet.
  - # *Action:
  - # - Please make sure that the external module is initialized successfully.
- 0x4101F (266271) mmERR_ABORT_MMX_MODULE_ALREADY_INITIALIZED Unable to initialize an external module that is already initialized.
  - # *Cause:
  - # - The system tried to initialize an external module that is already initialized.
  - # *Action:
  - # - Please make sure that the external module is not initialized yet.
- 0x41020 (266272) mmERR_ABORT_MMX_MODULE_INITIALIZE_FAILURE Unable to initialize an external module
  - # *Cause:
  - # - The system failed to initialize an external module.
  - # *Action:
  - # - Please make sure that the external module is initialized correctly.
- 0x41021 (266273) mmERR_ABORT_MMX_MODULE_ALREADY_STARTED An external module already has been started.
  - # *Cause:
  - # - The system tried to start an external module that already has been started.
  - # *Action:
  - # - Please make sure that the external module is not started yet.
- 0x41022 (266274) mmERR_ABORT_MMX_MODULE_START_FAILURE Unable to initialize the external module (<0%s>)
  - # *Cause:
  - # - The system failed to initialize the external module.
  - # *Action:
  - # - Please make sure that the external module satisfies every condition on startup.
- 0x41023 (266275) mmERR_ABORT_MMX_MODULE_NOT_STARTED Unable to stop an external module that is not started yet

  - # *Cause:
  - # - The system tried to stop the external module that is not started yet.
  - # *Action:
  - # - Please make sure that the external module is started correctly.

- 0x41024 (266276) mmERR_ABORT_MMX_MODULE_STILL_STARTED Unable to finalize an external module in its service

  - # *Cause:
  - # - The system tried to finalize the external module in its service.
  - # *Action:
  - # - Please check the status of the external module.

- 0x41025 (266277) mmERR_ABORT_MMX_MODULE_STOP_FAILURE Unable to stop an external module

  - # *Cause:
  - # - The system failed to stop the external module.
  - # *Action:
  - # - Check the status of the external module.

- 0x41026 (266278) mmERR_ABORT_MMX_MODULE_FINALIZE_FAILURE Unable to finalize an external module.

  - # *Cause:
  - # - The system failed to finalize the external module.
  - # *Action:
  - # - Check the status of the external module.

- 0x4102B (266283) mmERR_ABORT_PROTOCOL_VER_MISMATCH_ERROR Incompatible protocol version between the client and the server.

  - # *Cause: The protocol version of a client is different from the server.
  - # *Action: Please verify the client version and start up with a client that has compatible version.

- 0x4102C (266284) mmERR_ABORT_IDN_MISMATCH_ERROR Incompatible NLS between the client and the server.

  - # *Cause: The NLS of the client is different from the one supported by the server.
  - # *Action: Please use the same NLS to the server.

- 0x4102D (266285) mmERR_ABORT_NO_USER_ERROR Invalid user (Undefined user or incorrect password)

  - # *Cause: The user is not registered to the database.
  - # *Action: Please use a user registered to the database.

- 0x4102E (266286) mmERR_ABORT_INVALID_PASSWORD_ERROR Invalid password

  - # *Cause: The password is incorrect.
  - # *Action: Please Input the valid password for the user.

- 0x4102F (266287) mmERR_ABORT_INVALID_CONN_ENV_ERROR Invalid client interface (Cur-

rent supported interfaces are JDBC, ODBC and CLI)

- # *Cause: The client interface is not supported yet.
- # *Action: Please use one of supported client interfaces.

- 0x41031 (266289) mmERR_ABORT_TIMEOUT_ERROR Data transfer timed out.
  - # *Cause: No data transfer detected for some amount of time.
  - # *Action: Please increase the value of CM_MAX_TIMEOUT property or set the value to 0 (No timeout)
- 0x41032 (266290) mmERR_ABORT_LARGE_ERROR Too large communication packet
  - # *Cause: Packet size for communication exceeded the value specified by the CM_BUF_SIZE property.
  - # *Action: Please adjust the value of the CM_BUF_SIZE property appropriately.
- 0x41033 (266291) mmERR_ABORT_INVALID_ERROR Invalid communication protocol
  - # *Cause: A code of invalid protocol has been found.
  - # *Action: Please verify the version of library that is used by the client.
- 0x41034 (266292) mmERR_ABORT_INVALID_STATE_ERROR Unsupported communication protocol
  - # *Cause: A code of unsupported protocol has been found.
  - # *Action: Please send a bug report to the vendor.
- 0x41035 (266293) mmERR_ABORT_ALREADY_CONNECT_ERROR Already connected to a session
  - # *Cause: A new connection has been requested to an already connected session.
  - # *Action: Please verify the client code.
- 0x41038 (266296) mmERR_ABORT_INVALID_STATEMENT_ID The value of statement ID exceeds the limit.
  - # *Cause: The ID number for a SQL statement exceeds the limit.
  - # *Action: Please send a bug report to the vendor
- 0x41039 (266297) mmERR_ABORT_INSUFFICIENT_QUERY_ERROR Too short SQL statement.
  - # *Cause: It is impossible to find the SQL statement from the protocol.
  - # *Action: Please verify the SQL statement from the client and send a bug report to the vendor
- 0x4103A (266298) mmERR_ABORT_INVALID_STATEMENT_STATE_ERROR Invalid request to process the SQL statement
  - # *Cause: A request of operation on a SQL statement that was freed
  - # *Action: Please verify the SQL statement of the client.
- 0x4103C (266300) mmERR_ABORT_INVALID_FETCH_ERROR Request of fetching data to an unprepared SQL statement.
  - # *Cause: A request to fetch an illegal SQL statement has been detected.

  - # *Action: Please verify the SQL statement of the client.

- 0x4103D (266301) mmERR_ABORT_LARGE_FETCH_BUFFER_ERROR Too large fetched data

  - # *Cause: The size of a row exceeds the size of communication buffer.
  - # *Action: Please increase the value of the CM_BUF_SIZE property larger than the maximum size of records, and restart the database.

- 0x4103F (266303) mmERR_ABORT_TOO_MANY_STATEMENT There are too many allocated statements.

  - # *Cause: Too many session statements are allocated on this system.
  - # *Action: Please remove unused statements or increase system resources.

- 0x41043 (266307) mmERR_ABORT_MMC_ACCESS_MODE Invalid access privilege

  - # *Cause:
  - # - The table has no access privilege.
  - # *Action:
  - # - Make sure that table has access privilege.

- 0x41044 (266308) mmERR_ABORT_MMC_NOT_DEFINED_STATEMENT Internal server error

  - # *Cause:
  - # - Internal server error
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x41047 (266311) mmERR_ABORT_MMC_TRANSACTION_ALREADY_ACTIVE The transaction is already active.

  - # *Cause:
  - # - The transaction is already active.
  - # *Action:
  - # - Please wait until the transaction completes its work.

- 0x41048 (266312) mmERR_ABORT_MMC_CANT_SET_TRANSACTION_IN_AUTOCOMMIT_MODE The transaction is already in auto-commit mode.

  - # *Cause:
  - # - The transaction is already in auto-commit mode.
  - # *Action:
  - # - Please make sure that the transaction is in auto-commit mode.

- 0x41050 (266320) mmERR_ABORT_NOT_APPLICABLE Not applicable operation

  - # *Cause: Not applicable operation
  - # *Action: Please give a valid parameter

- 0x41056 (266326) mmERR_ABORT_CLIENT_CLOSED Unable to send data to client.

  - # *Cause: Client already closed their socket.
  - # *Action: Please send a bug report to the vendor.

- 0x41057 (266327) mmERR_ABORT_MMC_CANT_LOCK_TABLE_IN_AUTOCOMMIT_MODE Unable to execute LOCK TABLE statement while the system is in auto-commit mode.
  - # *Cause:
  - # - The system tried to execute LOCK TABLE statement while the system was in auto-commit mode.
  - # *Action:
  - # - If the system is in auto-commit mode, please remove the LOCK TABLE statement.
- 0x4105A (266330) mmERR_ABORT_OTHER_STATEMENT_REMAINS Several statement still opened
  - # *Cause: There are a few opened statements.
  - # *Action: Please close all statements and retry this statement.
- 0x4105E (266334) mmERR_ABORT_BIND_COLUMN_COUNT_MISMATCH Mismatched bind column count
  - # *Cause: The number of host variables and The number of data to bind to them are different.
  - # *Action: Please check client applications
- 0x4105F (266335) mmERR_ABORT_INVAILD_STACKCOUNT Invalid stack count
  - # *Cause: Stack count is too big or too small.
  - # *Action: Please set the stack count within positive integer less than 65536
- 0x41061 (266337) mmERR_ABORT_TOO_LONG_IDENTIFIER_NAME The length of identifier is too long
  - # *Cause: Too long identifier name
  - # *Action: Please rename the identifier to a shorter name.
- 0x41064 (266340) mmERR_ABORT_ARRAYBINDING_NOT_ALLOWED_SELECT Unable to execute SELECT using array-binding
  - # *Cause: The user has executed a SELECT query with array-binding.
  - # *Action: Please do not execute a select query using array-binding.
- 0x41065 (266341) mmERR_ABORT_ARRAY_COUNT_MISMATCH Mismatched bind array count
  - # *Cause: The number of elements on an array host variable and the number of data to bind to them are different.
  - # *Action: Please check client applications
- 0x41066 (266342) mmERR_ABORT_PROTOCOL_ORDER_MISMATCH Mismatched communication protocol sequence
  - # *Cause: Protocol Sequence is invalid.
  - # *Action: Please send a bug report to the vendor.
- 0x41067 (266343) mmERR_ABORT_BATCH_COUNT_MISMATCH Mismatched batch execute statement count
  - # *Cause: Protocol Sequence is invalid.

  - # *Action: Please send a bug report to the vendor.

- 0x4106B (266347) mmERR_ABORT_STATISTICS_INDEX_MISMATCH Unable to match query-statistics index

  - # *Cause: The query statistics index does not match with the accumulated information structure.
  - # *Action: Please retry with appropriate index.

- 0x4106E (266350) mmERR_ABORT_ADMIN_MODE_ERROR When an ADMIN_MODE is on, general users cannot connect to DB except SYS, SYSTEM_. Check communication type.

  - # *Cause: As ADMIN_MODE is on, general users cannot connect to DB except SYS, SYSTEM_.
  - # *Action: Please check ADMIN_MODE property.

- 0x4106F (266351) mmERR_ABORT_MMI_DUPLICATED_LIBRARY_NAME Duplicated library name <0%s>

  - # *Cause: The library name to be created already exists.
  - # *Action: Please use another library name.

- 0x41070 (266352) mmERR_ABORT_MMI_NOT_EXIST_LIBRARY Library not found <0%s>

  - # *Cause: The specified library was not found.
  - # *Action: Please make sure that the library exits.

- 0x41071 (266353) mmERR_ABORT_MMI_NOT_EXIST_MODULE Module not found <0%s>

  - # *Cause: The specified module is not found.
  - # *Action: Please make sure that the module exits.

- 0x41072 (266354) mmERR_ABORT_MMI_DUPLICATED_MODULE_NAME Duplicated module names <0%s>

  - # *Cause: The module name to create already exists.
  - # *Action: Please use another module name.

- 0x41073 (266355) mmERR_ABORT_MMI_DUPLICATED_UNIQUE_NAME Duplicated unique module name <0%s>

  - # *Cause: The unique module name to create already exists.
  - # *Action: Please use another unique module name.

- 0x41074 (266356) mmERR_ABORT_MMI_NOT_EXIST_UNIQUEMODULE Unique module name not found <0%s>

  - # *Cause: The specified unique module name was not found.
  - # *Action: Please make sure that the unique module name exits.

- 0x41075 (266357) mmERR_ABORT_MMI_ALREADY_STOP_MODULE Unable to stop a module that has already been stopped.

  - # *Cause: The specified module has already been stopped.
  - # *Action: Please make sure that the module is running.

- 0x41076 (266358) mmERR_ABORT_MMI_NOT_IMPLEMENTED Not supported yet
  - # *Cause: Not supported yet
  - # *Action: Not supported yet
- 0x41077 (266359) mmERR_ABORT_MMT_INVALID_PACKET Invalid packet
  - # *Cause: An invalid network packet has been detected.
  - # *Action: Please check the network status
- 0x41079 (266361) mmERR_ABORT_SEA_INVALID_ARG_VALUE Too long argument value
  - # *Cause:
  - # - The length of the argument value must be shorter than 256.
  - # *Action:
  - # - Please check the argument value
- 0x4107A (266362) mmERR_ABORT_STARTUP_PHASE_ERROR Unable to startup to the specified phase at current state.
  - # *Cause: It is impossible to startup to the specified phase at current startup state.
  - # *Action: Please check current startup phase.
- 0x4107B (266363) mmERR_ABORT_SHUTDOWN_MODE_ERROR Unable to shutdown Altibase using the specified mode on current state.
  - # *Cause: It is impossible to shutdown the server using the specified mode on current state.
  - # *Action: Please check current startup phase.
- 0x4107C (266364) mmERR_ABORT_INSUFFICIENT_PRIV Insufficient privileges. The user has to connect as SYSDBA.
  - # *Cause: The user has to connect as SYSDBA.
  - # *Action: Please the privileges.
- 0x4107D (266365) mmERR_ABORT_CREATE_DB_ERROR Failure of CREATE DATABASE
  - # *Cause: The system failed to create a database.
  - # *Action: Please check the error message.
- 0x4107E (266366) mmERR_ABORT_DROP_DB_ERROR Failure of DROP DATABASE
  - # *Cause: The system failed to drop a database.
  - # *Action: Please check the error message.
- 0x4107F (266367) mmERR_ABORT_ADMIN_MODE_PRIV Failure of changing to ADMIN_MODE. Only SYS and SYSTEM_ user can change current mode to ADMIN_MODE.
  - # *Cause: Only SYS and SYSTEM_ user can change current mode to ADMIN_MODE.
  - # *Action: Please check the connected user.
- 0x41080 (266368) mmERR_ABORT_SESSION_NOT_FOUND Failure of finding session ID <0%d>
  - # *Cause: It is impossible to find the Session ID. Please use a valid session ID.

  - # *Action: Please make sure that the session with the specified ID exists.

- 0x41082 (266370) mmERR_ABORT_INTERNAL_SERVER_ERROR_ARG Internal server error (<0%s>)

  - # *Cause:
  - # - The System encountered an internal server error.
  - # *Action
  - # - Please send a bug report to the vendor

- 0x41083 (266371) mmERR_ABORT_NOT_UPDATE_PROPERTY A specified property does not exist or cannot be updated.

  - # *Cause:
  - # - A specified property does not exist or cannot be updated.
  - # *Action:
  - # - Please check the property

- 0x41085 (266373) mmERR_ABORT_PASSWORD_INCORRECT Invalid password

  - # *Cause:
  - # - The password is incorrect.
  - # *Action:
  - # - Make sure that the password is correct.
  - # - Ask to the DBA for more information on the password.

- 0x41087 (266375) mmERR_ABORT_ADMIN_NOT_ACCEPTED Failed to connect through a non SYSDBA channel

  - # *Cause: The user has to connect through a SYSDBA channel
  - # *Action: Please change the type of the connection channel.

- 0x41088 (266376) mmERR_ABORT_SERVER_PHASE_MISMATCHES_QUERY_TYPE Unable to execute the query at current start-up phase

  - # *Cause: This kind of query cannot be executed at current server status.
  - # *Action: After moving to a suitable start-up phase, please try again.

- 0x41089 (266377) mmERR_ABORT_MMC_DATE_FORMAT_LENGTH_EXCEED The length of the value of the DEFAULT_DATE_FORMAT property equals to or exceeds the maximum length (<0%d>).

  - # *Cause: DEFAULT_DATE_FORMAT string is too long.
  - # *Action: Please execute ALTER SESSION statement with a valid DEFAULT_DATE_FORMAT string.

- 0x4108A (266378) mmERR_ABORT_QUEUE_NOT_FOUND Queue not found

  - # *Cause:
  - # - The queue is not in the queue manager.
  - # *Action:
  - # - Please send a bug report to the vendor.

- 0x4108B (266379) mmERR_ABORT_DATABASE_ALREADY_EXIST Database already exists

(<0%s>)

- # *Cause:
- # - The database already exists.
- # *Action:
- # - Please drop the database first.

- 0x4108C (266380) mmERR_ABORT_GETRLIMIT_ERROR Failed to invoke a system function, getrlimit()

  - # *Cause: An error occurred while invoking the getrlimit() function.
  - # *Action: Please send a bug report to the vendor.

- 0x4108D (266381) mmERR_ABORT_OSFileSizeLimit_ERROR The maximum file size of OS is less than that of property. Decrease the property of file size.

  - # *Cause: The maximum file size of OS is less than that of property.
  - # *Action: Please decrease the property of file size

- 0x4108E (266382) mmERR_ABORT_DATABASE_NAME_LENGTH_ERROR Invalid Database Name Length. Valid Database Name Length = 1 ~ <0%d>.

  - # *Cause: The database name length is invalid.
  - # *Action: Please use database name in valid length.

- 0x4108F (266383) mmERR_ABORT_PAGE_RANGE_ERROR Invalid Page Range. Valid Page Range = 1 ~ <0%d>.

  - # *Cause: The page range is invalid.
  - # *Action: Please specify page range in valid length.

- 0x41090 (266384) mmERR_ABORT_DATABASE_NAME_ERROR Invalid Database Name. Check Property and Retry.

  - # *Cause: Invalid database name.
  - # *Action: Please check property and retry.

- 0x41091 (266385) mmERR_ABORT_SHM_ALREADY_EXIST_ERROR Shared Memory Already Exist. Remove Shared Memory First.

  - # *Cause: Shared memory already exist.
  - # *Action: Please remove shared memory first.

- 0x41096 (266390) mmERR_ABORT_INVALID_DISPATCHER_IMPL Invalid dispatcher implementation

  - # *Cause: Invalid dispatcher implementation
  - # *Action: Please send a bug report to the vendor.

- 0x41098 (266392) mmERR_ABORT_STATEMENT_NOT_FOUND Failure of finding statement

  - # *Cause: It is impossible to find the Statement. Please use a valid statement.
  - # *Action: Please make sure that the statement is valid.

- 0x41099 (266393) mmERR_ABORT_TOO_MANY_SESSION There are too many sessions

  - # *Cause: Too many sessions are connected on this system.
  - # *Action: Please disconnect unused sessions or increase MAX_CLIENT property.

- 0x4109A (266394) mmERR_ABORT_SESSION_NOT_SPECIFIED Session is not specified in protocol

  - # *Cause: Session is not specified in protocol
  - # *Action: Please send a bug report to the vendor.

- 0x4109B (266395) mmERR_ABORT_SESSION_NOT_CONNECTED Session is not connected

  - # *Cause: Session is not connected
  - # *Action: Please send a bug report to the vendor.

- 0x4109C (266396) mmERR_ABORT_INVALID_SESSION_PROPERTY Invalid session property

  - # *Cause: Invalid session property
  - # *Action: Please use a valid session property.

- 0x4109D (266397) mmERR_ABORT_INVALID_EXECUTE_OPTION Invalid execute option

  - # *Cause: Invalid execute option
  - # *Action: Please send a bug report to the vendor.

- 0x4109E (266398) mmERR_ABORT_INVALID_LOB_RANGE Invalid lob range

  - # *Cause: Invalid lob range
  - # *Action: Please check the lob size and use valid lob range.

- 0x4109F (266399) mmERR_ABORT_INVALID_DATA_CONVERSION Invalid data conversion

  - # *Cause: Invalid data conversion
  - # *Action: Please send a bug report to the vendor.

- 0x410A0 (266400) mmERR_ABORT_INVALID_BIND_PARAMETER_NUMBER Invalid bind parameter number

  - # *Cause: Invalid bind parameter number
  - # *Action: Please send a bug report to the vendor.

- 0x410A1 (266401) mmERR_ABORT_ADD_TASK_TIMED_OUT Add task timed out

  - # *Cause: Timed out while add task
  - # *Action: Please send a bug report to the vendor.

- 0x410A2 (266402) mmERR_ABORT_NUMERIC_PRECISION_OVERFLOW Numeric precision overflow

  - # *Cause: Numeric precision overflow
  - # *Action: Numeric precision overflow

- 0x410A3 (266403) mmERR_ABORT_NUMERIC_SCALE_OVERFLOW Numeric scale overflow

  - # *Cause: Numeric scale overflow
  - # *Action: Numeric scale overflow

- 0x410A5 (266405) mmERR_ABORT_INVALID_STATEMENT_FREE_MODE Invalid statement free mode

  — # *Cause: Invalid statement free mode
  — # *Action: Please send a bug report to the vendor.

- 0x410A6 (266406) mmERR_ABORT_UNSUPPORTED_FETCHMOVE Unsupported fetch move operation

  — # *Cause: Unsupported fetch move operation
  — # *Action: Please send a bug report to the vendor.

- 0x410A9 (266409) mmERR_ABORT_INVALID_BIND_COLUMN_NUMBER Invalid bind column number

  — # *Cause: Invalid bind column number
  — # *Action: Please send a bug report to the vendor.

- 0x410AA (266410) mmERR_ABORT_INVALID_XA_OPERATION Invalid XA operation

  — # *Cause: Invalid XA operation
  — # *Action: Please send a bug report to the vendor.

- 0x410AB (266411) mmERR_ABORT_NUMERIC_CONVERSION_OVERFLOW Numeric conversion overflow

  — # *Cause: Numeric conversion overflow
  — # *Action: Please send a bug report to the vendor.

- 0x410CD (266445) mmERR_ABORT_InvalidArrayExecution Array binding is not permitted with SELECT statements.

  — # *Cause: An attempt was made to bind an array when executing a SELECT statement.
  — # *Action: Please do not attempt to bind an array when exectuing a SELECT statement.

- 0x410AD (266413) mmERR_ABORT_DATA_CONVERSION_OVERFLOW Data conversion overflow

  — # *Cause: Data conversion overflow
  — # *Action: The data cannot be stored into the database data type.

- 0x410AE (266414) mmERR_ABORT_INVALID_PRECISION Invalid precision or length

  — # *Cause: Invalid precision or length
  — # *Action: Please specify correct precision or length.

- 0x410AF (266415) mmERR_ABORT_PRECISION_MISMATCH Precision mismatch

  — # *Cause: Precision mismatch
  — # *Action: Please send a bug report to the vendor.

- 0x410B0 (266416) mmERR_ABORT_UNSUPPORTED_NETWORK_PROTOCOL Unsupported network protocol

  — # *Cause: Unsupported network protocol

  - # *Action: Please use supported network protocol.

- 0x410B1 (266417) mmERR_ABORT_INVALID_SESSION_STATE Invalid request in current session state

  - # *Cause: Invalid request in current session state
  - # *Action: Please verify client application.

- 0x410B2 (266418) mmERR_ABORT_TASK_ALLOC_FAILED Task allocation failed

  - # *Cause: Task memory allocation failed
  - # *Action: Please make enough memory available.

- 0x410B3 (266419) mmERR_ABORT_INVALID_COMMIT_WRITE_WAIT Invalid COMMIT_WRITE_WAIT

  - # *Cause: can't have COMMIT_WRITE_NOWAIT in parallel logging.
  - # *Action: Please check COMMIT_WRITE_WAIT mode.

- 0x410B4 (266420) mmERR_ABORT_USRDN_ISNULL User DN(Distinguished Name) is null.

  - # *Cause: The DN(Distinguished Name) of User Certificate is null.
  - # *Action: Please check user certificate.

- 0x410B5 (266421) mmERR_ABORT_SVRDN_ISNULL Server DN(Distinguished Name) is null.

  - # *Cause: The DN(Distinguished Name) of Server Certificate is null.
  - # *Action: Please check server certificate.

- 0x410B6 (266422) mmERR_ABORT_DNMismatched The DN(Distinguished Name) of Server and User Certificate is different.("<0%s>" != "<1%s>")

  - # *Cause: The DN(Distinguished Name) of Server and User Certificate is different.
  - # *Action: Please check both server and client certificate.

- 0x410C6(266438), mmERR_ABORT_ATOMIC_EXECUTE_ERROR Atomic Execute Error

  - # *Cause: Atomic Execute Error.
  - # *Action: Check Data or Statement

MM IGNORE

- 0x42000(270336) mmERR_IGNORE_NO_ERROR No main module error

  - # *Cause: This is not an error.
  - # *Action: Please ignore this error message.

- 0x42040 (270400) mmERR_IGNORE_ADMIN_MODE_ONLY Unable to service while the server starts up.

  - # *Cause: A request of service to the server has been detected while it was starting up.
  - # *Action: Please terminate all the clients while the server starts up.

- 0x42041 (270401) mmERR_IGNORE_ADMIN_ALREADY_RUNNING Another SYSDBA session is

already running.

- # *Cause: A SYSDBA session is already running.
- # *Action: Please terminate the process of SYSDBA session and execute again.

- 0x42059 (270425) mmERR_IGNORE_NO_AVAILABLE_TASK Connection pool overflow. Check properties.

  - # *Cause: There is no more available task for service.
  - # *Action: Please increase the value of the MAX_CLIENT property and restart the database.

2 C/C++ Precompiler Error Code/Message

Execution Time Error/Status Code

Error Code

C/C++ Precompiler error

- -589825

  In case an error occurs when memory is allocated for connection to the database server

- -589826

  In case a connection with the same name already exists

- -589841

  In case the name of the connection exceeds 50 characters

- -589857

  When a cursor-processing SQL statement is executed with an undeclared cursor name

- -589858

  When a dynamic SQL statement is executed with an unprepared SQL statement identifier

- -593921

  One or more than the number of arrays are returned in SELECT…INTO statement.

- -598017

  When the processing count specified in For clause is smaller than 1

- -598018

  When the processing count specified in For is larger than the array size

Database server error

An error occurring in the database serve, the database server will return the error code. Refer to Server Error Code/Message for each error code.

Status Code

- 00000

  When the embedded SQL statement is normally executed

- 01004

  When the size of the host variable is same with or smaller than the corresponding column size

when the host variable is the character type. At this time, the returned data is cut to be stored in the host variable.

- 07006

  When the host variable type is not compatible with the corresponding column type

- 07009

  When the number of the columns is higher than the number of corresponding host variables

- 08001

  When the database server is not started up

- 08S01

  When the database server is disconnected

- 22002

  When null data are returned while no indicator variable is specified

- HY000

  General error

- HY001

  When an error occurs upon allocation of the memory

- HY009

  When the host variable and the indicator variable are null points

- HY010

  When an unopened cursor is fetched

- HY090

  When the indicator variable is a negative value

Preprocessing Error Code/Message

General Error

- 402H:Syntax error

  Syntax Error

- 403H:Unterminated string

  When the character string beginning with " or ' does not end with " or '.

- 404H:Unterminated comments

  When the footnote starting with "/*" does not end with "*/"

- 405HUnterminated embedded sql statement

  When the SQL statement starting with EXEC SQL does not end with ‘;’

- 408H:Need to #endif

  When the embedded SQL statement beginning with #ifdef SESC_DECLARE or #ifdef SESC_Include does not end with #endif.

- 401M:Conflict with brace count

  When '' count '' does not match with the actual count

- 402M:Syntax error

  Syntax Error

- 403M:Unterminated string

  When the character string beginning with " or ' does not end with " or '.

- 404M:Unterminated comments

  When the footnote starting with "/*" does not end with "*/"

- 405M:Unterminated embedded sql statement

  When the SQL statement starting with EXEC SQL does not end with ‘;’

- 406M:Unterminated host variable declare section

  When the embedded SQL statement beginning with EXEC SQL BEGIN DECLARE SECTION; does not end with EXEC SQL END DECLARE SECTION;

Error in the Host Variable Declaration Section

- 201E:Invalid type

When a type not supported in SES C/C++ or not declared in host variable declaration section is used as a host variable type

- 202E:Invalid type combination

  When a type not supported is defined

- 203E:Identifier redeclared

  When the host variables are overlapping

- 204E:Don't use 'VARCHAR' or 'varchar' for variable name because it's keyword

  When 'VARCHAR' or 'varchar' is used as a variable name

- 205E:long double type is not supported

  When the long-double type is used as the host variable type

- 206E:SES_MAX_CHAR value is more than two

  When SES_MAX_CHAR Macro is less than 1

- 208E:The Point type is not allowed

  When the types other than the structure or 'char' is defined as the pointer type

- 209E:In case of host variable is a structure, elements can't be pointers

  When the structure component is defined as the pointer type

- 210E:In case of host variable is a structure, elements can't be structures

  When the structure component is defined as a structure type

- 221E:Any type except 'char' type or 'varchar' type can't be two or more dimension array

  When other types than 'char' or 'varchar' is defined as two-dimensional or multi-dimensional array

- 222E:Array of pointer not allowed

  When the pointer type is defined as an array

- 223E:In case host variable is an array of structure, elements can't be arrays

  When the structure of which component is the array type is defined as an array

- 402E:Syntax error

  Syntax Error

- 403E:Unterminated string

  When the character string beginning with " or ' does not end with " or '.

Error in the Embedded SQL Statement

- 101L:[panic] System error

  When an error occurs due to the system conditions such as lack of memory space during pre-compiling

- 201L:Host variable not defined

  When the embedded SQL statement uses a host variable not defined in the Declare section of the host variable

- 203L:The number of indicator variables should be the same to that of the corresponding host variables

  When the structure includes the host variable and the indicator variable and the number of components doe not match

- 211L:A host variable is not a structure

  When the variable whose type is not structure is used as a structure expression

- 213L:An indicator variable should be a structure when the corresponding host variable is a structure

  When the indicator variable is not a structure while the host variable is a structure

- 214L:Not defined

  When type whose structure is defined as a host variable and this host variable is used in the embedded SQL statement

- 222L:In case host variable is an array of structure, only one host variable is allowed

  When the host variable is an array of the structure and more than one host variables are used

- 223L:Host variables can't use mixed scalars and arrays

  When an array-type host variable is used with a non-array-type host variable

- 224LIn case of SELECT or CURSOR statement, input host variables can't be arrays

  When the array-type input host variable is used in Select statement or Cursor statement

- 225LFOR clause can be used only when input host variables are arrays

  When the host variable is not an array type but For clause is used

- 226LThe count of FOR clause must be more than one

  When For clause is less than 1

- 227L:In case of EXECUTE PROCEDURE statement, input host variables of IN OUT or OUT type can't be arrays

  When the input host variable of In Out or Out type is the array type in the PSM statement

- 231L:The indicator variable should be 'int' type

When the indicator variable is defined as other types than 'int'

- 234L:In case host variable is an array of structure, indicator variable can't be used

  When the host variable that is an array of the structure uses the indicator variable

- 301L:CursorName is too large.(max length is 50)

  When the cursor name exceeds 50 characters

- 311L:Any CURSOR SENSITIVITY option is not supported yet

  Not Available

- 312L:SCROLL option does not supported, yet

  Not Available

- 313L:WITH HOLD option does not supported, yet

  Not Available

- 314L:WITH RETURN option does not supported, yet

  Not Available

- 315L:READ ONLY option does not supported, yet

  Not Available

- 316L:UPDATE option is not supported yet

  Not Available

- 317L:Any orientation is not supported yet

  Not Available

- 403L:Unterminated string

  When the character string beginning with " or ' does not end with " or '.

- 404L:Unterminated comments

  When the footnote starting with "/*" does not end with "*/"

- 407L:Need to into clause

  When there is no Into clause in Select statement

- 411L:StmtName is too large.(max length is 50)

  When the state name exceeds 50 characters in the dynamic SQL statement

- 412L:ConnName is too large.(max length is 50)

  When the connection name exceeds 50 characters in the multi-connection or multi-thread program

- 421L:-mt option and -sea option cannot be used together.

  When -mt option and -sea option are used together

- 701L:Unsupported feature

  Not Available

3 ODBC Error Code

ODBC Error

SQLSTATE	Error	Can be returned from
01004	The data has been cut out. (When the returned value is higher than the given buffer.)	• SQLDescribeCol • SQLFetch • SQLGetData
07006	Violation of the limited data type attributes	• SQLBindParameter • SQLExecute • SQLFetch
07009	Invalid descriptor index	• SQLBindCol • SQLBindParameter • SQLColAttribute • SQLDescribeCol • SQLDescribeParam • SQLGetData

* For SQLSTATE 08001, 08002, 08003, and 08S01, see the followings.

SQLSTATE	Error	Can be returned from
HY000	General Error	• SQLAllocStmt • SQLAllocConnect • SQLBindCol • SQLBindParameter • SQLColAttribute • SQLColumns • SQLConnect • SQLDescribeCol • SQLDisconnect • SQLDriverConnect • SQLEndTran • SQLExecDirect • SQLExecute • SQLFetch • SQLFreeHandle • SQLFreeStmt • SQLGetData • SQLNumParams • SQLNumResultCols • SQLPrepare • SQLPrimaryKeys • SQLProcedureColumns • SQLProcedures • SQLRowCount • SQLSetAttribute • SQLSetConnectAttr • SQLSetEnvAttr • SQLStatistics • SQLTables
HY001	Memory allocation error (The memory requested for SQLCLI to execute the function and complete execution cannot be allocated)	• SQLAllocConnect • SQLAllocStmt • SQLBindCol • SQLBindParameter • SQLConnect • SQLDriverConnect • SQLExecDirect • SQLGetTypeInfo • SQLPrepare
HY003	The application buffer type is not valid. (cType argument is not a valid C data type.)	• SQLBindCol • SQLBindParameter

SQLSTATE	Error	Can be returned from
HY009	Use an invalid pointer (null pointer)	• SQLAllocConnect • SQLAllocStmt • SQLBindParameter • SQLExecDirect • SQLForeignKeys • SQLPrimaryKeys • SQLProcedureColumns • SQLProcedures • SQLSpecialColumns • SQLStatistics • SQLTablePrivileges
HY010	Continuous function error	• SQLAllocStmt • SQLDescribeParam • SQLGetData
HY090	Invalid string or buffer length	• SQLBindParameter • SQLDescribeCol • SQLExecute • SQLForeignKeys • SQLGetData • SQLGetStmtAttr • SQLTablePrivileges
HY092	Invalid attribute or option	• SQLGetStmtAttr
HY105	Invalid parameter type	• SQLBindParameter
HYC00	Use an attribute not supported.	• SQLGetConnectAttr • SQLGetStmtAttr

Database Connection-related Error

SQLSTATE	Code	Error	Can be returned from
HY000	0x51001	The character set does not exist.	• SQLConnect • SQLDriverConnect
	0x5003b	The communication buffer is insufficient. (The communication buffer length has exceeded.)	• SQLExecute
HY001	0x5104A	Memory allocation error (The memory requested for the ODBC to execute the function and complete execution cannot be allocated)	• SQLConnect • SQLDriverConnect
08001	0x50032	The SQLCLI cannot set the connection to DB.	• SQLConnect • SQLDriverConnect

Network-related Error

SQLSTATE	Code	Error	Can be returned from
08002	0x51035	The corresponding dbc is already connected to the DB.	• SQLConnect • SQLDriverConnect
08003	0x51036	When stmt is disconnected	• SQLExecDirect • SQLExecute • SQLPrepare
08S01	0x51043	Communication circuit error (Communication circuit failure before the function is processed between the SQLCLI and the DB.)	• SQLColumns • SQLConnect • SQLDriverConnect • SQLExecDirect • SQLExecute • SQLFetch • SQLForeignKeys • SQLGetConnectAttr • SQLPrepare • SQLPrimaryKeys • SQLProcedureColumns • SQLProcedures • SQLSetConnectAttr • SQLSpecialColumns • SQLStatistics • QLTablePrivileges • SQLTables

4 JDBC Error Code

JDBC Error

SQL STATE	Can be returned from	Error	Message
01000	Statement	General warning	execute bach in Autocommit mode is dangerouse!
01S02	• Connection • Statement	Warning for changing option values	ResultSet Concurency changed to CONCUR_READ_ONLY
			Altibase not support AutoGenarated key
			Option value changed to
07006	• PreparedStatement • ResultSet	Restricted data type attribute violation	Restricted data type attribute violation
07009	• Blob • ResultSetMetaData	Invalid descriptor index	Column not found
			Invalid descriptor index
08000	• Connection • ConnectionPoolDataSource • ResultSet	Communication failure	Communication failure
			Pooling thread was interapted
			Cannot open XAResource
08001	• Blob • Connection • ObjectFactory • ResultSetMetaData • Statement	Client unable to establish connection to DB	Client unable to establish connection
			Cannot resolve host
			Wrong port number
08003	• Blob • Connection • ConnectionPoolDataSource • PooledConnection • ResultSetMetaData • Statement	Disconnection status	Connection does not exist
			DataSource has been closed
08004	• Blob • Connection • ResultSetMetaData • Statement	Rejecting the connection to server	Server rejected the connection
08007	• Blob • Connection • ResultSetMetaData • Statement	Connection interuption in process of transaction	IO interapted

SQL STATE	Can be returned from	Error	Message
08S01	• Blob • Connection • ParameterMetaData • PreparedStatement • ResultSet • ResultSetMetaData • Statement	Communication link failure	Communication link failure
			Invalid CMP Header Version
			Invalid CMP Header Type
0A000	• Blob • Clob • Connection • DatabaseMeta • PreparedStatement • ResultSet • ResultSetMetaData • Statement	Feature not supported	Feature not supported
			Depricated code
			Invalid attribute value TYPE_SCROLL_SENSITIVE
0A001	• Connection	Multiply server transactions	Multiply server transaction
			XAResource already opened
0F001	• Blob	LOB Token Identifiers don't have any values currently.	Stream position out of lob size
21S01	• Blob • Connection • ParameterMetaData • PreparedStatement • ResultSet • ResultSetMetaData • Statement	Invalid plural lines for inserting into own reference table	Insert value list does not match column list
22001	• Connection • ParameterMetaData • PreparedStatement • ResultSet • ResultSetMeta • DataConnection • Blob • Statement	String data loss	String data, right-truncated
22003	• Blob • Connection • ParameterMetaData • PreparedStatement • ResultSet • ResultSetMetaData • Statement	Numeric value out of range	Numeric value out of range
22008	• Connection • ResultSetMetaData • Statement	Datetime field overflow	Datetime field overflow

SQL STATE	Can be returned from	Error	Message
22018	• Blob • Connection • ParameterMetaData • PreparedStatement • ResultSet • ResultSetMetaData • Statement	Invalid character value for scalar function such as CAST, DECIMAL, FLOAT, INTEGER	Invalid character value for cast specification
22026	• BitSet	String data length error	String data, length mismatch
24000	• Blob	Invalid cursor state	Invalid cursor state
HY004	• Blob • Connection • ParameterMetaData • PreparedStatement • ResultSet • ResultSetMetaData • Statement	Invalid SQL data type	Invalid SQL data type
HY010	• PreparedStatement • Statement	Function consecutive errors	There are no parameters
			PreparedStatenet have no ResultSet
			PreparedStatenet have ResultSet
			That had return update result
			That had ResultSet
HY024	• Connection • ResultSet • Statement	Invalid attribute value	Invalid attribute value
HY090	• Blob	Invalid string or buffer length	Invalid string or buffer length
HY096	• ParameterMetaData		Butch Execution does not support type in batch
HY105	• DatabaseMetaData	Invalid parameters type	Table name are not definded
HY109	• ResultSet	Invalid cursor position	Invalid cursor position

SQL STATE	Can be returned from	Error	Message
HYC00	• Blob • Connection • CallableStatement • ParameterMetaData • PreparedStatement • ResultSet • ResultSetMetaData • Statement	Using unsupported attributes	Optional feature not implemented
			HOLD_CURSORS_OVER_COMMIT - only support
			Statemet has a ResultSets
			Does not support the given type
			Lob already used
			Unsupported charset
HYT01	• Blob • Connection • ResultSetMetaData • Statement	Connection timeout expired	Connection timeout expired
IM000	• Blob • Connection • GeometryList • Point • ResultSetMetaData • Statement	General Error	IM General error
			java.sql.Statement could not has parameter
			Illegal Geometric Type
			Point wrong format string
IM001	• Connection	Driver does not support this function.	Driver does not support this function
			does not support stored procedures with result sets
			does not support prepareCall
			does not support TYPE_SCROLL_SENSITIVE or CONCUR_UPDATABLE
			does not support read-only mode
	ConnectionPoolDataSource		PoolManager Wait Interapted
	ConnectionPoolDataSource		PoolManager :
	ConnectionPoolDataSource		Cannot set Data Source properties after DataSource has been used
	Connection		Tandem Connection have no correct slave URL!
	SavePoint		ERROR: ABRSavepoint in the auto-commit mode
	Blob		try to skip to out of range
	DataSource		Failed to create a non-pooled connection for

SQL STATE	Can be returned from	Error	Message
	DataSource		Altibase DataSource unable to load Altibase JDBC Driver
	ObjectFactory		You must supply a db name
	ConnectionPoolDataSource		connectionEventListener.ERROR!
	ConnectionPoolDataSource		Error connectionErrorOccurred in the:
	XAException		Altibase XA ERROR:
	XAException		There is an asynchronous operation already outstanding
	XAException		The XID already exists
	XAException		Invalid arguments were given
	XAException		The XID is not valid
	XAException		The resource manager is doing work outside a global transaction
	XAException		Routine was invoked in an inproper context
	XAException		A resource manager error has occurred in the transaction branch
	XAException		Resource manager is unavailable

Index

D
Database Connection-related Error 163

E
Error Code 152
Error in the Embedded SQL Statement 156
Error in the Host Variable Declaration Section 154
Execution Time Error/Status Code 152

G
General Error 154

I
ID ABORT 6
ID Error Code 2
ID FATAL 2
ID IGNORE 15

J
JDBC Error 166

M
MM ABORT 138
MM Error Code 135
MM FATAL 135
MM IGNORE 149
MT ABORT 48
MT Error Code 48
MT FATAL 48
MT IGNORE 54

N
Network-related Error 164

O
ODBC Error 160

P
Preprocessing Error Code/Message 154

Q
QP ABORT 82
QP Error Code 80
QP FATAL 80
QP RETRY 134

R
RP ABORT 56
RP Error Code 55
RP FATAL 55
RP IGNORE 78

S
SM ABORT 25
SM Error Code 17
SM FATAL 17
SM IGNORE 47
SM RETRY 47
Status Code 152